



**Corporation of the Municipality of South Huron  
Agenda - Regular Council Meeting**

**Monday, March 5, 2018, 6:00 p.m.  
Council Chambers - Olde Town Hall**

**Accessibility of Documents:**

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**Pages**

1. Notice - Amendment to Budget

2. Meeting Called To Order

Welcome &O Canada

3. Public Meeting

**Recommendation:**

**That South Huron Council adjourn at        p.m. for the purpose of a Public Meeting pursuant to Section 34 of the Planning Act for proposed zoning amendments.**

4. Amendments to the Agenda, as Distributed and Approved by Council

**Recommendation:**

**That South Huron Council approves the Agenda as presented.**

5. Disclosure of Pecuniary Interest and the General Nature Thereof

6. Delegations

**Recommendation:**

**That South Huron Council receives the delegation as presented from the xxx by xxx.**

## 7. Minutes

- 7.1 Minutes of the Regular Council Meeting of February 20, 2018 1

**Recommendation:**

**That South Huron Council adopts the minutes of the Regular Council Meeting of February 20, 2018, as printed and circulated.**

- 7.2 Minutes of the Public Meeting of February 20, 2018 14

**Recommendation:**

**That South Huron Council adopts the minutes of the Public Meeting of February 20, 2018, as printed and circulated.**

- 7.3 Minutes of the Committee of the Whole of February 21, 2018 18

**Recommendation:**

**That South Huron Council accept the recommendation of the Committee of the Whole that the Project Steering Committee review, comment and make recommendations to Council with respect to the YMCA proposal; and**

**That staff be directed to prepare a report including a SWOT evaluation of the YMCA proposal in coordination with the Project Steering Committee.**

**Recommendation:**

**That South Huron Council accept the recommendation of the Committee of the Whole that Administration be directed to prepare a report analyzing By-law 67-2004 and compare it to other municipalities, review the fee and deposit and bring a report back to Council.**

**Recommendation:**

**That South Huron Council accept the Committee of the Whole that the draft animal control By-law is forwarded to Council for consideration and approval.**

**Recommendation:**

**That South Huron Council adopts the minutes of the Committee of the Whole Meeting of February 21, 2018, as printed and circulated.**

## 8. Councillor Board and Committee Reports

- 8.1 Dashwood Community Centre Advisory Committee - Minutes of November 28, 2017 22

|     |   |    |
|-----|---|----|
| 8.2 | Community Hub/Recreation Project Steering Advisory Committee - Minutes of February 15, 2018 | 26 |
| 8.3 | Upper Thames River CA - Minutes of January 23, 2018   | 29 |

**Recommendation:**

**That the minutes of the following committees and/or boards be received as presented to Council:**

- **Minutes of Dashwood Community Centre Advisory Committee of November 28, 2018;**
- **Minutes of Community Hub/Recreation Project Steering Committee of February 15, 2018;**
- **Minutes of Upper Thames River CA of January 23, 2018.**

**9. Staff Reports**

**9.1 Planning**

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|-------|--|----|
| 9.1.1 | S. Smith, Huron County Planner re Severance Application B95-2017 Scatcherd | 30 |
|-------|--|----|

**Recommendation:**

**That South Huron Council recommends to Huron County Council that Consent for file B95-2017 be granted with conditions as set out in the Planner's report dated February 23, 2018.**

|       |   |    |
|-------|---|----|
| 9.1.2 | S. Smith, Huron County Planner re Severance Application B05-2018 Hayter | 35 |
|-------|---|----|

**Recommendation:**

**That South Huron Council recommends to Huron County Council that Consent for file B05-2018 be granted with conditions as set out in the Planner's report dated February 23, 2018.**

**9.2 Financial Services**

### 9.3 Environmental Services

- 9.3.1 D. Giberson, ESD Director - Results of the 2017 DWQMS System Audit by NSF-ISR International 40

**Recommendation:**

**That South Huron Council receive the report from D. Giberson, ESD Director re: Results of the 2017 DWQMS System Audit by NSF-ISR International.**

- 9.3.2 D. Giberson, ESD Director - 2017 Annual Report for the South Huron Drinking Water System 51

**Recommendation:**

**That South Huron Council receive the report from D. Giberson, ESD Director RE: 2017 Annual Report for the South Huron Drinking Water System.**

- 9.3.3 D. Giberson, ESD Director - 2017 Drinking Water System Annual Compliance Report to the Ministry of the Environment and Climate Change 119

**Recommendation:**

**That South Huron Council receive the report from D. Giberson, ESD Director RE: 2017 Drinking Water System Annual Compliance Report to the Ministry of the Environment and Climate Change.**

- 9.3.4 D. Giberson, ESD Director - 2017 Mandatory reporting of Commercial and Industrial water consumption information to the MOECC 128

**Recommendation:**

**That South Huron Council receive the report from D. Giberson, ESD Director RE: 2017 Mandatory reporting of Commercial and Industrial water consumption information to the MOECC.**

- 9.3.5 D. Giberson, ESD Director - 2017 Annual Kirkton Landfill (Closed) Status Report 131

**Recommendation:**

**That South Huron Council receive the report from D. Giberson, Environmental Services Director Re: 2017 Annual Kirkton Landfill (Closed) Status Report.**



- 9.3.6 D. Giberson, ESD Director - Unsuccessful 2017 OCIF Top-Up Grant Funding Application for Huron Street East Reconstruction Project

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**Recommendation:**

That South Huron Council receive the report from D. Giberson, Environmental Services Director RE: Unsuccessful 2017 OCIF Top-Up Grant Funding Application for Huron Street East Reconstruction project, AND;

That South Huron Council authorizes a 2018 budget amendment to transfer an additional amount of \$437,889 from the Transportation Capital Replacement Reserve; \$262,733 from the Water Capital Replacement Reserve and \$175,156 from the Sewer Capital Replacement Reserve to offset the loss the OCIF grant funding for the Huron Street East Reconstruction project.

9.4 Transportation Services

9.5 Community Services

9.6 Development Services

9.7 Emergency Services

9.8 Corporate Services

9.9 Administration

- 9.9.1 CAO Best - Dashwood Community Centre Update 2

141

**Recommendation:**

That the report of Daniel Best dated March 5, 2018 regarding Update #2 on the Dashwood Community Centre Construction project be received.

10. Deferred Business

11. Notices of Motion

12. Mayor & Councillor Comments and Announcements

### 13. Communications

|       |  |     |
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| 13.1  | Municipal Affairs - Proclamation of Bill 139   | 143 |
| 13.2  | AMCTO - 2018 Federal Budget Update   | 145 |
| 13.3  | AMO - OMAFRA Announcement to Support Municipal Main Street Revitalization                | 147 |
| 13.4  | AMO Policy Update - Public Reporting for Fire Department Response Times                  | 148 |
| 13.5  | BRA - February 18, 2018 Board Meeting Highlights   | 151 |
| 13.6  | CHIP - Winter Newsletter   | 162 |
| 13.7  | Lake Huron Primary Water Supply System-2017 Annual Report                                | 164 |
| 13.8  | Lake Huron Coastal Centre - Conference<br>Grand Bend, ON May 10 to 11, 2018              | 174 |
| 13.9  | Huron County Accessibility Advisory Committee - Committee Member Vacancy                 | 176 |
| 13.10 | Huron Elgin London Project - Invitation  | 178 |
| 13.11 | Legion Ladies Auxiliary Parade - Request for Parade Road Closure<br>Resolution Requested | 179 |

**Recommendation:**

**That South Huron Council receive communication items not otherwise dealt with.**

### 14. Closed Session

### 15. Report From Closed Session

### 16. By-Laws

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|------|--|-----|
| 16.1 | By-Law No. 20-2018 - Development Agreement - Kulack B58-2017<br>Condition #5 of Consent Application B58-2017 | 180 |
|------|--|-----|

**Recommendation:**

That the South Huron Council gives first, second and third and final reading to By-Law #20-2018, being a by-law to authorize the execution of a Development Agreement between the Municipality of South Huron and Lindsay Kuiack and Andrew Kuiack.

- 16.2 By-Law No. 21-2018 - Animal Control 184

**Recommendation:**

That the South Huron Council gives first, second and third and final reading to By-Law #21-2018, being a by-law to put in place regulations associated with the control, licencing and registration of animals within the Municipality of South Huron.

- 16.3 By-Law No. 22-2018 - Hayter 194

**Recommendation:**

That the South Huron Council gives first and second reading to By-Law #22-2018, being a by-law to amend By-Law #12-1984, being the Zoning By-Law for the former Township of Stephen for lands known as Conc N BDY N PT Lot 25, Stephen Ward, Municipality of South Huron.

- 16.4 By-Law No. 23-2018 - Turnbull 198

**Recommendation:**

That the South Huron Council gives first, second and third and final reading to By-Law #23-2018, being a by-law to amend By-Law #12-1984, being the Zoning By-Law for the former Township of Stephen for lands known as Lot 2, Concession B, Pt Lot 17, Concession 19, Stephen Ward, Municipality of South Huron.

17. Confirming By-Law

- 17.1 By-Law No.24-2018 – Confirming By-Law 202

**Recommendation:**

That the South Huron Council gives first, second and third and final reading to By-Law #xx-2017, being a by-law to confirm matters addressed at the DATE, 2017 Council meeting.

18. Adjournment

**Recommendation:**

That South Huron Council hereby adjourns at \_\_\_\_\_ p.m., to meet again on March 19, 2018 at 6:00 p.m. or at the Call of the Chair.



## Corporation of the Municipality of South Huron

### Minutes for the Regular Council Meeting

**Tuesday, February 20, 2018, 6:00 p.m.  
Council Chambers - Olde Town Hall**

Members Present: Maureen Cole - Mayor  
Dave Frayne - Deputy Mayor  
Tom Tomes - Councillor - Ward 1  
Marissa Vaughan - Councillor - Ward 1  
Craig Hebert - Councillor - Ward 2  
Ted Oke - Councillor - Ward 3  
Wayne DeLuca - Councillor - Ward 2

Staff Present: Dan Best, CAO  
Andrew Baird, Emergency Services Manager/Fire Chief  
Sandy Becker, Financial Services Manager/Treasurer  
Dwayne McNab, Development Services Manager/CBO  
Sarah Smith, Huron County Planner  
Rebekah Msuya-Collison, Deputy Clerk

1. Meeting Called To Order

Mayor Cole called the meeting to order at 6.00 pm.

2. Public Meeting

**Motion:** 55-2018

**Moved:** D. Frayne

**Seconded:** T. Oke

**That South Huron Council adjourn at 6:03 p.m. for the purpose of a Public Meeting pursuant to Section 34 of the Planning Act for proposed zoning amendments**

**Disposition: Carried**

3. Amendments to the Agenda, as Distributed and Approved by Council

13. Removal of Closed Session

15.8 Addition of By-Law 18-2018 – 2018 Interim Tax By-Law

**Motion:** 56-2018

**Moved:** D. Frayne

**Seconded:** T. Oke

**That South Huron Council approves the Agenda as amended.**

**Disposition: Carried**

4. Disclosure of Pecuniary Interest and the General Nature Thereof

None.

5. Delegations

5.1 John Pond, Huron Park Lions Club

Mr. Pond reviewed his presentation on the Stephen Township Arena, the New Outlook Service Organization and parking concerns in Huron Park. Mr. Pond presented Council with a copy of the "New Outlook Vision for Huron Park Survey Results 2017". Mr. Pond requested Council move forward with the parking by-law.

Mayor Cole thanked Mr. Pond for bringing his thoughts forward and reassured him that no decision by Council has been made on the future recreational project. Mayor Cole advised him that Council is working on the Parking By-Law.

Mayor Cole asked Council whether they would permit another speaker and Council agreed to allow Sheila Hamilton to speak on the New Outlook project.

Mayor Cole thanked Sheila Hamilton for her comments.

**Motion:** 57-2018

**Moved:** C. Hebert

**Seconded:** M. Vaughan

**That South Huron Council receives the delegation as presented by John Pond and Sheila Hamilton.**

**Disposition: Carried**

5.2 Huron Shores Transit - Community Transportation Initiative

Glen Bailey and Lori Chouinard reviewed the Huron Shores Transit - Community Transportation Initiative. The Ministry of Transportation has released new funding under the Community Transportation Grant Program – Municipal Stream (CT Program) for which Huron Shores Transit can apply and will allow for a feasibility study in the first year. Mayor Cole advised the delegation that Council will have to discuss the request for a letter of support and thanked the delegation for their presentation.

CAO Best advised that the Huron Shores Transit grant application will fit in nicely with South Huron's grant application for transportation. He added that the South Huron model provides for capital, training and marketing and have a Memorandum of Understanding with a service provider.

**Motion:** 58-2018

**Moved:** C. Hebert

**Seconded:** M. Vaughan

**That South Huron Council receives the delegation as presented from Huron Shores Transit by Glen Bailey and Lori Chouinard.**

**Disposition: Carried**

**Motion:** 59-2018

**Moved:** D. Frayne

**Seconded:** M. Vaughan

**That South Huron Council provide a letter of support to Huron Shores Transit proposal under the Community Transportation Grant Initiative.**

**Disposition: Carried**

6. Minutes

6.1 Minutes of the Committee of Adjustment of February 5, 2018

**Motion:** 60-2018

**Moved:** T. Tomes

**Seconded:** T. Oke

**That South Huron Council adopts the minutes of the Committee of Adjustment of February 5, 2018, as amended**

**Disposition: Carried**

6.2 Minutes of the Public Meeting of February 5, 2018

**Motion:** 61-2018

**Moved:** T. Oke

**Seconded:** T. Tomes

**That South Huron Council adopts the minutes of the Public Meeting of February 5, 2018, as printed and circulated.**

**Disposition: Carried**

6.3 Minutes of the Regular Council Meeting of February 5, 2018

**Motion:** 62-2018

**Moved:** D. Frayne

**Seconded:** M. Vaughan

**That South Huron Council adopts the minutes of the Regular Council Meeting of February 5, 2018, as printed and circulated.**

**Disposition: Carried**

CAO Best advised that he will update Council on the Bluewater Recycling Agreement at the next meeting.

7. Councillor Board and Committee Reports

7.1 Exeter Rodeo Committee - Minutes of August 2, 2017

7.2 Exeter BIA - Minutes of January 9, 2018

7.3 South Huron Police Services Board - Minutes of January 9, 2018

7.4 South Huron Communities in Bloom - Minutes of January 10, 2018

Councillor Hebert provided a verbal report on the first meeting of the Community Hub/Recreation Centre Project Steering Committee, for information only.

**Motion:** 63-2018

**Moved:** T. Oke

**Seconded:** M. Vaughan

**That the minutes of the following committees and/or boards be received as presented to Council:**

- **Minutes of Exeter Rodeo Committee of August 2, 2017;**
- **Minutes of Exeter BIA meeting of January 9, 2018;**
- **Minutes of South Huron Police Services Board of January 9, 2018;**  
**and**
- **Minutes of South Huron Communities in Bloom of January 10, 2018.**

**Disposition: Carried**

8. Staff Reports

8.1 Planning

8.2 Financial Services

8.2.1 S. Becker, Financial Services Manager/Treasurer - 2017 Statement of Remuneration and Expenses

Treasurer Becker clarified Councillor Tomes remuneration statement and expenses.

**Motion:** 64-2018

**Moved:** C. Hebert

**Seconded:** T. Tomes

**That South Huron Council receives the report from S. Becker, Financial Services Manager/Treasurer re: 2017 Statement of Remuneration and Expenses.**

**Disposition: Carried**

8.3 Environmental Services

8.4 Transportation Services

8.5 Community Services

8.6 Development Services

8.6.1 D. McNab, Development Services Manager - 2017 Building Department Financial Report



**Motion:** 65-2018

**Moved:** C. Hebert

**Seconded:** T. Oke

**That South Huron Council receives the report from D. McNab, Development Services Manager/ CBO re: 2017 Building Department Financial Report for information only.**

**Disposition: Carried**

8.7 Emergency Services

- 8.7.1 A. Baird, Emergency Services Manager/Fire Chief - Tender Results for the Replacement of a Walk In Rescue Apparatus

**Motion:** 66-2018

**Moved:** D. Frayne

**Seconded:** M. Vaughan

**That South Huron Council receives the report from A. Baird, Emergency Services Manager, re: Tender Results for the Replacement of a Walk In Rescue Apparatus; and**

**That South Huron Council accept the tender received from the low bidder Lafleur Industries Inc and authorize award of a contract for Tender Results for the Replacement of Walk in Rescue Apparatus in the amount of \$191,622 (plus HST).**

**Disposition: Carried**

8.8 Corporate Services

- 8.8.1 R. Msuya-Collison, Deputy Clerk - Appoint Drainage Engineer

**Motion:** 67-2018

**Moved:** C. Hebert

**Seconded:** T. Tomes

**That South Huron Council receives the report from R. Msuya-Collison, Deputy Clerk re: Appoint Drainage Engineer – Request for Repair and Improvement; and**

**That South Huron Council hereby appoints William J. Dietrich, P. Eng., from Dietrich Engineering Ltd. as the Municipal Drainage Engineer to prepare a report for the repair and improvement of the McDougall Municipal Drain.**

**Disposition: Carried**

- 8.8.2 R. Msuya-Collison, Deputy Clerk - Request for Drainage Works – Extension of Project

**Motion:** 68-2018

**Moved:** T. Oke

**Seconded:** D. Frayne

**That South Huron Council receives the report from R. Msuya-Collison, Deputy Clerk re: Request for Drainage Works under Section 4 of the Drainage Act; and**

**That South Huron Council authorize the Municipal Drainage Engineer include the proposed new drain construction, as set out in the petition for drainage works, to the municipal drainage project.**

**Disposition: Carried**

## 8.9 Administration

- 8.9.1 D. Best, CAO - Dashwood Community Centre

CAO Best advised Council that Bluewater Council was meeting tonight and he would follow up with Bluewater CAO and report back to Council. Councillor Frayne noted Council passed resolution #538-2017 authorizing project funds taken from the Wind Turbine reserve.

**Motion:** 69-2018

**Moved:** M. Vaughan

**Seconded:** T. Tomes

**That the report of D. Best dated February 20, 2018 regarding an update on the Dashwood Community Centre Construction project be received.**

**Disposition: Carried**

8.9.2 D. Best, CAO - Website RFP Results

**Motion:** 70-2018

**Moved:** C. Hebert

**Seconded:** M. Vaughan

**That the report of D. Best, Chief Administrative Officer dated February 20<sup>th</sup>, 2018 regarding the website Request for Proposal (RFP) results be received; and**

**That Council authorize the award of RFP-001-2018 to eSolutions Group in the amount of \$29,325 plus HST to re-develop the South Huron Website**

**Disposition: Carried**

9. Deferred Business

10. Notices of Motion

10.1 Notice of Motion

**Motion:** 71-2018

**Moved:** D. Frayne

**Seconded:** C. Hebert

**That South Huron Council provide a submission to the Canadian Nuclear Safety Commission in support of a 10 year operating licence renewal for Bruce Power, prior to March 7, 2018.**

**Disposition: Carried**

11. Mayor & Councillor Comments and Announcements

Deputy Mayor Frayne commented that Winterfest was very successful with many events. He advised that the Jones bridge project at the Morrison Dam spillway is going forward in 2018.

Councillor Hebert congratulated the organizers of Winterfest. He advised that the Lion's breakfast was well attended and the Club made a soft launch of the "message in a bottle" program, a free emergency program that provides vital

information to Emergency Services. He also advised that the Rodeo Committee has started meeting again.

Councillor Oke congratulated both Dave Frayne and Jeff Musser on their great work as co-chairs for Winterfest. He noted the upcoming Lions Club and Fire Department hockey game with proceeds going to the Exeter Food Bank. He noted that Jessica's House won \$15,000 from ADAMA and urged continued voting as ADAMA is giving out an additional \$15,000.

Mayor Cole advised that there are tickets available for the ABCA Conservation Dinner April 12, 2018. She updated Council on the presentations that her and the CAO had about the Community Hub project at the FCM Sustainable Communities conference. Mayor Cole advised that she will be going to the Huron Sustainability Committee meeting on Friday.

Mayor Cole, Councillor Hebert and Councillor Vaughan will arrange and perform the annual CAO performance appraisal within the next few weeks.

## 12. Communications

- 12.1 AMO - Submission on Policing - Bill 175, Safer Ontario Act
- 12.2 Accessibility Directorate of Ontario - Review Ontario's Accessibility Laws
- 12.3 Ministry of Transportation - CycleONStrategy - Action Plan 2.0
- 12.4 Ernie Hardeman, MPP - OGRA Conference Activities
- 12.5 Watershed Planning (MOECC) - Draft Watershed Planning Guidance
- 12.6 Drinking Water Source Protection - New Program Supervisors
- 12.7 Ausable Bayfield Conservation Authority - PGMN Monitoring - Shipka
- 12.8 Lake Huron Coastal Speaker Series

Councillor Vaughan requested this flyer posted on website

- 12.9 North Middlesex - Consent and Zoning By-Law Applications (Stephan)
- 12.10 OMB Hearing - Proposed Official Plan Amendment Lambton Shores
- 12.11 Township of Norwich - Resolution re Ontario Building Code Amendments
- 12.12 Town of Essex - Resolution re Offering School Property to Municipalities

**Motion:** 72-2018

**Moved:** C. Hebert

**Seconded:** T. Tomes

**That South Huron Council receive communication items not otherwise dealt with.**

**Disposition: Carried**

13. Closed Session

14. Report From Closed Session

15. By-Laws

- 15.1 By-Law No. 11-2018 - Tile Drainage Loan - Exeter Produce Con 10 PT LT 14 and 15

**Motion:** 73-2018

**Moved:** D. Frayne

**Seconded:** T. Oke

**That the South Huron Council gives first, second and third and final reading to By-Law #11-2018, being a by-law imposing special annual drainage rates upon land in respect of which money is borrowed under the *Tile Drainage Act*.**

**Disposition: Carried**

- 15.2 By-Law No. 12-2018 - Neil (Allen) Rezoning By-Law

**Motion:** 74-2018

**Moved:** T. Tomes

**Seconded:** M. Vaughan

**That the South Huron Council gives first, second and third and final reading to By-Law #12-2018, being a by-law to amend By-Law #12-1984, being the Zoning By-Law for the former Township of Stephen for lands known as Plan 203 PT Lot 73 PT Lot 76 Pt Lot 77, Stephen Ward, Municipality of South Huron.**

**Disposition: Carried**

- 15.3 By-Law No. 13-2018 - 2514421 Ontario Inc. (Brown) Rezoning By-Law

**Motion:** 75-2018

**Moved:** M. Vaughan

**Seconded:** C. Hebert

**That the South Huron Council gives first, second and third and final reading to By-Law #13-2018, being a by-law to amend By-Law #13-1984, being the Zoning By-Law for the former Township of Usborne for lands known as Conc 1 PT Lot 14 Subjt to Easement, Usborne Ward, Municipality of South Huron.**

**Disposition: Carried**

- 15.4 By-Law No. 14-2018 - Hamather Motor Products (Brown) Rezoning By-Law

**Motion:** 76-2018

**Moved:** D. Frayne

**Seconded:** T. Oke

**That the South Huron Council gives first, second and third and final reading to By-Law #14-2018, being a by-law to amend By-Law #13-1984, being the Zoning By-Law for the former Township of Usborne for lands known as Conc 1 PT Lot 14, Usborne Ward, Municipality of South Huron.**

**Disposition: Carried**

- 15.5 By-Law No. 15-2018 - Brock Temporary Rezoning By-Law

**Motion:** 77-2018

**Moved:** T. Tomes

**Seconded:** M. Vaughan

**That the South Huron Council gives first, second and third and final reading to By-Law #15-2018, being a by-law to amend By-Law #12-1984, being the Zoning By-Law for the former Township of Stephen for lands known as Conc S BDY S PT Lot 9, Stephen Ward, Municipality of South Huron to permit a temporary use.**

**Disposition: Carried**

- 15.6 By-Law No. 16-2018 - Amend By-Law 42-2017 - Clean Water and Wastewater Fund - William Street Project

**Motion:** 78-2018

**Moved:** C. Hebert

**Seconded:** M. Vaughan

**That the South Huron Council gives first, second and third and final reading to By-Law #16-2018, being a By-Law to amend Schedule “A” of By-Law #42-2017, a by-law authorizing an Agreement with Her Majesty The Queen In Right Of Ontario, as represented by the Minister of Infrastructure, for the Clean Water And Wastewater Fund (CWWF) Transfer Payment.**

**Disposition: Carried**

15.7 By-Law No. 17-2018 - Appoint Clerk

**Motion:** 79-2018

**Moved:** D. Frayne

**Seconded:** M. Vaughan

**That the South Huron Council gives first, second and third and final reading to By-Law #17-2018, being a by-law to appoint Rebekah Msuya-Collison Clerk for the Corporation of the Municipality of South Huron.**

**Disposition: Carried**

15.8 By-Law No. 18-2018 - 2018 Interim Tax By-Law

**Motion:** 80-2018

**Moved:** T. Tomes

**Seconded:** C. Hebert

**That the South Huron Council gives first, second and third and final reading to By-Law #18-2018, being a by-law to provide for Interim Tax Levies for the year 2018.**

**Disposition: Carried**

16. Confirming By-Law

16.1 By-Law No. 18 - 2017 – Confirming By-Law

**Motion:** 81-2018

**Moved:** C. Hebert

**Seconded:** T. Oke

**That the South Huron Council gives first, second and third and final reading to By-Law #19 -2018, being a by-law to confirm matters addressed at the February 20, 2018 Council meeting.**

**Disposition: Carried**

17. Adjournment

**Motion:** 82-2018

**Moved:** D. Frayne

**Seconded:** T. Tomes

**That South Huron Council hereby adjourns at 8:00 p.m., to meet again on March 5, 2018 at 6:00 p.m. or at the Call of the Chair.**

**Disposition: Carried**

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Maureen Cole, Mayor

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Rebekah Msuya-Collison, Clerk





## Corporation of the Municipality of South Huron

### Minutes-Public Meeting

**Tuesday, February 20, 2018, 6:00 p.m.**

**Council Chambers - Olde Town Hall**

Members Present: Maureen Cole - Mayor  
Dave Frayne - Deputy Mayor  
Tom Tomes - Councillor - Ward 1  
Marissa Vaughan - Councillor - Ward 1  
Craig Hebert - Councillor - Ward 2  
Ted Oke - Councillor - Ward 3  
Wayne DeLuca - Councillor - Ward 2

Staff Present: Dan Best, CAO  
Sandy Becker, Financial Services Manager/Treasurer  
Andrew Baird, Emergency Services Manager/Fire Chief  
Dwayne McNab, Development Services Manager/CBO  
Sarah Smith, Huron County Planner  
Rebekah Msuya-Collison, Deputy Clerk

#### 4. Application for D14-19-2017 Neil (Allen)

##### 4.2 S. Smith, Huron County Planner - Report #D14-19-2017

Ms. Smith reviewed her report noting the purpose of this application is to change the current zoning of Village Commercial (VC1) to a Village Commercial Special Zone (VC1-6) to permit a contractors shop and yard as an added permitted use. The applicant wishes to construct a future contractors shop and yard for his business. Planner Smith noted that the continued use of this site for commercial use, through a site specific added provision for a contractor's yard or shop is complementary to surrounding uses in this area, and the Urban designation in the Official Plan recognizes this range of uses as well.

**Motion:** PL#1

**Moved:** T. Oke

**Seconded:** C. Hebert

**That South Huron Council receives the report from S. Smith, Huron County Planner re: Zoning By-Law Amendment D14-19-2017 - Neil (Allen).**

**Disposition: Carried**

5. Application for D14-20-2017 2514421 Ontario Inc. (Brown)

5.2 S.Smith, Huron County Planner - Report #D14-20-2017

Ms. Smith reviewed her report noting the purpose of this application is to change zoning on three consent applications for boundary adjustment to permit a lot enlargement. The lands that are to be added to the abutting property must be amended to match the zoning on the lands to which they will be added.

The applicant proposes to change zoning on portions of the subject lands including rezone as following:

1. From Development (D) and Residential Mobile Home Park (R4) to Highway Commercial (HC1) Consent Application #B15-17;
2. From Development (D) to Highway Commercial Special Provisions (HC1-2) Consent #B17-17; and
3. From Development (D) to Highway Commercial Special Provisions (HC1-1) as a condition of Consent Application B18-17.

These rezonings will satisfy a condition of consent under applications #B15/17, #B17/17 and #B18/17.

**Motion:** PL#2

**Moved:** M. Vaughan

**Seconded:** T. Tomes

**That South Huron Council receives the report from S. Smith, Huron County Planner re: Zoning By-Law Amendment D14-20-2017 - 2514421 Ontario Inc. (Brown).**

**Disposition: Carried**

6. Application for D14-21-2017 Hamather Motor Products (Brown)

6.2 S.Smith, Huron County Planner - Report #D14-21-2017 Hamather Motor Products (Brown)

Ms. Smith reviewed her report noting the purpose of this application is to change zoning from Village Residential (VR1) to Highway Commercial (HC1) to permit an automobile dealership as a permitted use. Lands under the HC1 zone are subject to a Site Plan Control; a parking lot use, or any proposed buildings and structures proposed for this site would be subject to review under the Municipal Site Plan Control process. This rezoning will bring the subject lands into conformity with the South Huron Official Plan so the zoning and designation are consistent.

**Motion:** PL#3

**Moved:** T. Oke

**Seconded:** C. Hebert

**That South Huron Council receives the report from S. Smith, Huron County Planner re: Zoning By-Law Amendment D14-21-2017 - Hamather Motor Products (Brown).**

**Disposition: Carried**

6.3 Written Comments Received

None

6.4 Comments-Council; Public in Attendance

None

4. Application for D14-19-2017 Neil (Allen)

4.3 Written Comments Received

None.

4.4 Comments-Council; Public in Attendance

None.

7. Application for D14-22-2017 Brock

7.2 S. Smith, Huron County Planner - Report #D14-22-2017 Brock

Planner Smith reviewed her report noting that the applicant is requesting an extension to the Temporary Use to provide time to remove the cars that have encroached beyond the C4-1 zone area. The purpose of this application is to provide time to remove the cars that have encroached beyond the C4-1 zone area, noting issues with timing required to prepare vehicles so they can be removed from the site. The lands included in this

temporary use area represent an approximate width of 94 metres by a depth of 83 metres and abut the north boundary of the designated C4-1 zone.

**Motion:** PL#4

**Moved:** T. Oke

**Seconded:** D. Frayne

**That South Huron Council receives the report from S. Smith, Huron County Planner re: Zoning By-Law Amendment D14-22-2017 - Brock.**

**Disposition:Carried**

7.3 Written Comments Received

None

7.4 Comments-Council; Public in Attendance

None

8. Close Public Meeting

**Motion:** PL#5-2018

**Moved:** T. Oke

**Seconded:** T. Tomes

**That South Huron Council now closes this Public Meeting at 6:18 p.m. and reconvenes the Regular Council meeting.**

**Disposition:Carried**

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Maureen Cole, Mayor

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Rebekah Msuya-Collison, Deputy Clerk



**Corporation of the Municipality of South Huron**  
**Committee of the Whole**  
**Minutes**

**Wednesday, February 21, 2018, 6:00 p.m.**  
**Olde Town Hall-Carling Room**

Members Present:     Maureen Cole - Member  
                              Dave Frayne - Member  
                              Tom Tomes - Member  
                              Marissa Vaughan - Member  
                              Craig Hebert - Member  
                              Ted Oke - Chair  
                              Wayne DeLuca - Member

Staff Present:         Dan Best, CAO  
                              Rebekah Msuya-Collison, Deputy Clerk

1.     Meeting Called to Order

Mayor Cole called the meeting to order at 6:00 p.m. The Committee agreed to open the floor and allow the Project Steering Committee members present at the meeting to ask questions.

Member Hebert nominated Member Oke for Chair. Member Oke accepted the Chair position for this meeting.

2.     Amendments to the Agenda, as Distributed and Approved by Council

**Motion:** CW#1

**Moved:** T. Tomes

**Seconded:** D. Frayne

**That South Huron Committee of the Whole approves the Agenda as presented.**

**Disposition: Carried**

3.     Disclosure of Pecuniary Interest and the General Nature Thereof

None

#### 4. Reports

##### 4.1 YMCAs across Southwestern Ontario - Presentation for Community Development Services

CAO Best introduced Shawn Dillon, Senior Manager Business Development and Kathy Lomas McGee, Interim President & CEO from YMCAs across Southwestern Ontario.

Mr. Dillon and Ms. Lomas McGee presented an overview of the YMCA including its charity roles, community partners and strategic focus on collaboration. The presentation included an outline of how the YMCA would support the Community Hub and Recreation Project Steering Committee in their mandate. Mr. Dillon and Ms. Lomas McGee noted that the YMCA is already in South Huron and that the YMCA has a reciprocal access policy across Canada.

Chair Oke thanked the delegation for their presentation.

CAO Best advised the Committee that the YMCA proposal will be added to the next Project Steering Committee agenda. He added that staff will work with the committee for feedback using SWOT analysis (a strategic planning technique identifying Strengths, Weaknesses, Opportunities and Threats for project planning).

**Motion:** CW#2

**Moved:** M. Cole

**Seconded:** M. Vaughan

**That South Huron Committee of the Whole recommend to South Huron Council that the Project Steering Committee review, comment and make recommendations to Council with respect to the YMCA proposal; and**

**That staff be directed to prepare a report including a SWOT evaluation of the YMCA proposal in coordination with the Project Steering Committee.**

**Disposition: Carried**

**Motion:** CW#3

**Moved:** T. Tomes

**Seconded:** M. Vaughan

**That South Huron Committee of the Whole hereby receives the delegation from YMCA by Sean Dillon and Kathi Lomas McGee.**

**Disposition: Carried**

Chair Oke called a recess at 7:31 p.m. The meeting reconvened at 7:41 p.m.

#### 4.2 By-Laws for Review and Direction

##### 4.2.1 Hawkers, Peddlers, Transient Traders and Refreshment Vehicles By-Law

**Motion:** CW#4

**Moved:** C. Hebert

**Seconded:** D. Frayne

**That South Huron Committee of the Whole recommends to South Huron Council that Administration be directed to prepare a report analyzing By-law 67-2004 and compare it to other municipalities, review the fee and deposit and bring a report back to Council.**

**Disposition: Carried**

The Committee noted the time at 8:00 p.m.

**Motion:** CW#5

**Moved:** M. Cole

**Seconded:** D. Frayne

**That South Huron Committee of the Whole extend meeting up to one hour.**

**Disposition: Carried**

##### 4.2.2 Animal Control By-Laws

The Committee discussed the voucher program and the Trap Neuter Release program and asked for a further report with more financial detail and voucher program specifics.

**Motion:** CW#6  
**Moved:** M. Cole  
**Seconded:** C. Hebert

**South Huron Committee of the Whole recommends to South Huron Council that the draft animal control By-law be forwarded to council for consideration and approval.**

**Disposition: Carried**

4.3 Electronic Participation at Meetings

5. Adjournment

**Motion:** CW#7  
**Moved:** M. Cole  
**Seconded:** C. Hebert

**That South Huron Committee of the Whole does now adjourn at 8:30 p.m.**

**Disposition: Carried**

---

Ted Oke, Chair

---

Rebekah Msuya-Collison, Clerk





**DASHWOOD COMMUNITY CENTRE ADVISORY COMMITTEE**  
**Meeting Minutes**  
**Tuesday, November 28, 2017**  
**Dashwood Community Centre**  
**7:00 PM**

**Committee Members**

Don Weigand – Chair  
John Becker – Council Member – Municipality of Bluewater  
Tom Tomes – Council Member – Municipality of South Huron  
Kathy Hayter  
Ted Hoffman  
Rob Hoffman

**Staff**

Dave Atthill – Facilities Services Coordinator – South Huron  
Jo-Anne Fields – Community Services Manager – South Huron

**Public**

Approximately 80 members of the public attended the meeting

**1. Meeting Called to Order**

Chair Don Weigand called the meeting to order at 7:00 PM and welcomed everyone to the meeting

**2. Disclosure of Pecuniary Interest and the General Nature Thereof**

None

**3. Changes/Additions to the Agenda**

The Agenda was amended to allow the public an opportunity to address the proposed washroom renovation project

#### **4. Approval of Agenda**

**Motion:** 01/11/2017  
**Moved by:** Tom Tomes  
**Seconded by:** Ted Hoffman

**"That the agenda be approved as amended."**

**Disposition:** Carried

#### **5. Approval of Minutes**

**Approval of the minutes from February 2, 2017**

**Motion:** 02/11/2017  
**Moved by:** Rob Hoffman  
**Seconded by:** John Becker

**"That the minutes of February 2, 2017 be approved as presented."**

**Disposition:** Carried

#### **6. Correspondence**

Chair Don Weigand presented the correspondence forwarded to the Municipality of South Huron and the Municipality of Bluewater on behalf of the Dashwood Community Centre Advisory Committee regarding funding for the washroom project.

#### **7. Dashwood Community Centre Washroom Project**

Community Services Manager, Jo-Anne Fields provided an update on the project, beginning in 2011. At present, staff has prepared a report to Council to authorize this project as a carry forward for completion in 2018. The Municipality South Huron has committed \$21,600 of tax levy dollars and the Municipality of Bluewater \$18,400.00 from their Dashwood Community Development Fund (DCDF). There is a fundraising component of \$80,000.00 representing the shortfall. It was suggested that any groups/organizations wishing to donate to the project forward correspondence to staff indicating level of support.

South Huron Council member Tom Tomes noted that South Huron is ready to proceed with this project with the support of the Dashwood Community Development Fund. The fund was developed from the sale of Dashwood Hydro (DCDF). Bluewater representative, John Becker indicated that there is a balance of \$59,000.00 in the Dashwood Hydro Fund.

## **8. Operating and Capital Budget**

There were no operational issues brought forward by the committee.  
Developing and paving the north parking lot will be identified as a future capital project.

## **9. Winter Snow Removal**

All Seasons Maintenance & Landscaping has been awarded the winter maintenance contract for Dashwood Community Centre parking lot in the amount of \$60.00 per cleaning.

## **10. Caretaker**

Dave Cohen is no longer the caretaker of the Dashwood Community Centre.  
Sue Dinney has taken on the caretaker duties for the remaining two years of the contract.

## **11. Questions and Public Comments - Dashwood Washroom Project**

- Are there plans and design?

Plans have been ready for 6 years

Why has it taken so long?

Acquiring funding for the project has not been accomplished

Who sits on the Dashwood Community Development Fund Committee for South Huron?

Marissa Vaughan, Tom Tomes and Ken Rader

Municipality of Bluewater should be asked to use levy dollars to fund the project

Need washrooms done for access and comfort

Can the sale of Dashwood Hydro be used to pay for the washroom project?

The Dashwood Community Centre Advisory Committee can submit a request to the Dashwood Community Development Fund (DCDF)

Committee to support this project. This Committee can then make recommendation to the Municipality of South Huron Council. South Huron Council can then approve the use of the funds for the project.

The Municipality of Bluewater Council makes the decision on and approval of the Hydro reserve money allocation.

Use the Hydro Funds for this project. It is Dashwood's money and this is a Dashwood project. Just get it done!

Why do the Dashwood area rate payers have to donate to the washroom project?

The Dashwood Community Centre Advisory Committee understands that community groups and organizations are willing to contribute to the washroom project. Councils and Municipality staff need to know the amount from donations so that each Municipality can contribute the necessary dollars to the project. Funding will have to come from the tax levy and/or the Hydro reserves if no intention to donate are forthcoming.

**Motion:** 03/11/2017  
**Moved by:** Tom Tomes  
**Seconded:** Rob Hoffman

**"That the Dashwood Community Centre Advisory Committee recommend that South Huron and Bluewater council meet as soon as possible to discuss funding of the washroom project;**

**And that the recommendation for completion of the Dashwood washroom project in 2018 be taken to the next Council meeting for approval."**

**Disposition:** Carried

**Motion:** 04/11/2017  
**Moved by:** Kathy Hayter  
**Seconded:** Ted Hoffman

**"That the Dashwood Community Centre Advisory Committee recommend that South Huron Council and Bluewater council use Hydro Reserves from both Municipalities to fund the Dashwood washroom project;**

**And that the Bluewater Council representative, request that Bluewater Council match the South Huron contribution of tax levy money for the project."**

**Disposition:** Carried

## **12. Date of Next Meeting**

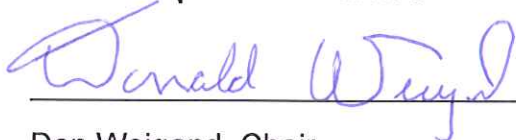
The next regular meeting will be held at the Dashwood Community Centre will be scheduled for the spring of 2018 at the call of the Chair.

## **13. Adjournment**

**Motion:** 05/11/2017  
**Moved by:** Tom Tomes  
**Seconded:** Ted Hoffman

**"That the meeting adjourn at 8:45 pm."**

**Disposition:** Carried

  
 \_\_\_\_\_  
 Don Weigand, Chair

  
 \_\_\_\_\_  
 David Atthill, Recording Secretary



**Corporation of the Municipality of South Huron  
Community Hub/Recreation Project Steering Advisory Committee**

**Minutes**

**February, 15 2018**

**6:00 PM – 8:00 PM**

**Carling Room**

**Members:**

Councillor Craig Hebert  
Councillor Ted Oke  
Craig Ivatts  
Peter Hrudka  
Mike Ondrejicka  
Ron Mayer  
Dawn Rasenberg  
Robert Oud  
Mayor Maureen Cole Ex-Officio

**Regrets:**

Brandon Babbage

**Staff:**

Dan Best, CAO  
Megan Goss, Recording Secretary

**Visitors:**

Nancy Orr- MACORR Holdings

**1. Call To Order**

The meeting was called to order at: 6:02 PM.

**2. Agenda**

**Motion:**

**Moved:** Ivatts

**Second:** Hrudka

**Disposition:** Carried

**That the Agenda for February 15, 2018 be approved, as presented.**

**3. Disclosure of Pecuniary Interest and the General Nature Thereof**

None

#### **4. Business to be Discussed:**

##### **4.1 Welcoming Remarks from Mayor Cole**

Mayor Cole delivered a committee welcome and opening remarks.

##### **4.2 Committee Orientation**

Committee Orientation provided via PowerPoint.

##### **4.3 Appointment of Chair and Vice Chair**

Councillor Hebert nominated Member Rasenberg Chair

**Motion:**

**Moved: Hebert**

**Seconded: Mayer**

**That Member Rasenberg is nominated Chair. Disposition: Carried**

Ondrejicka Councillor Oke nominated Member Ondrejicka Vice Chair

**Motion:**

**Moved: Oke**

**Seconded: Hrudka**

**That Member Ondrejicka is nominated Vice Chair. Disposition: Carried**

##### **4.4 Update to Committee on Actions To Date**

Committee was updated via PowerPoint presentation on Project Status and advocacy work to date.

##### **4.5 Terms of Reference**

4.5.1 Review of Terms of Reference for the committee.

4.5.2 Noted that the Terms of Reference may need to be amended to redefine the scope and make a recommendation to Council at a future meeting regarding the Fundraising aspect.

**Motion:**

**Mover: Oke**

**Seconder: Hebert**

**That the committee meetings be held from 6:00 PM to 8:00 PM bi-weekly or at the call of the chair, every other Tuesday night effective the 27<sup>th</sup> of February, 2018. Disposition: Carried.**

#### **4.6 Key Stakeholder/Informants Consultation Process To Define The Community Hub- Led by Nancy Orr of MACORR Holdings**

The Committee had an opportunity to review the proposed Key Stakeholder Input Plan regarding the Community Hub aspect of the project. Feedback included connecting with Huron County Health Unit, Huron County local Immigration Network and local School and School Boards via the trustees.

It was noted that the Federation of Agriculture should be added as a key stakeholder/informant as well as other industry leaders such as HDC, Libro, JMR and Northlander.

It was noted that there were no Faith based organizations and there is a lack of stakeholders representing youth.

**Motion:**

**Moved:** Mayer

**Seconded:** Ivatts

**That the committee defer 4.6 of the agenda to the next meeting.**

**Disposition:** Carried.

#### **4.7 Draft Communication Strategy**

For Distribution and Discussion at the Next meeting

#### **5. Correspondence:**

None

#### **6. Adjournment**

**Recommendation:**

**Moved:** Ivatts

**Seconded:** Mayer

**That the Community Hub/Recreation Project Steering Advisory Committee hereby adjourn at 8:16 pm to meet again on February 27<sup>th</sup>, 2018 at 6:00 pm or at the Call of the Chair. Disposition: Carried.**

Good afternoon,

for your information, please find the Approved Agenda, Minutes, & Reports from the January 23, 2018 Board of Directors meeting for the Upper Thames River Conservation Authority at the following website:

<http://thamesriver.on.ca/wp-content/uploads/Publications/BOD-Jan23-2018.pdf>

I will be out of the office next week, so if you have any questions regarding the minutes, reports or have an issue accessing the document on the website please contact Nora Pond at [pondn@thamesriver.on.ca](mailto:pondn@thamesriver.on.ca) and she can send you the PDF directly.

Thank you,  
Michelle Viglianti



**Michelle Viglianti**

Administrative Assistant

1424 Clarke Road London, Ontario, N5V 5B9

519.451.2800 Ext. 222 | Fax: 519.451.1188

[vigliantim@thamesriver.on.ca](mailto:vigliantim@thamesriver.on.ca)





## PLANNING & DEVELOPMENT

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**www.huroncounty.ca**

### Consent Application Report – File # B95/2017

|  |                         |
|--|-------------------------|
| Owner: Valerie Scatcherd for the Estate of David Scatcherd | Date: February 23, 2018 |
| Applicant: Valerie Scatcherd                               |                         |
| Property Address: 401004003400300                          |                         |
| Property Description: Plan 125 Lot 5 Lot 41 S PT Lot 40    |                         |

#### Recommendation:

That provisional consent be:

- √ granted with conditions (attached)
- deferred (for ...)
- denied (referred to the Committee of the Whole, for a decision)

#### Purpose:

- √ enlarge abutting lot
- create new lot
- surplus farm dwelling
- right-of-way / easement
- other:

| Area:               | Official Plan Designation | Zoning |
|---------------------|---------------------------|--------|
| Severed: 42.2 sqm   | Lakeshore Residential     | RC1-2  |
| Retained: 2,223 sqm | Lakeshore Residential     | RC1-2  |

#### Review: This application:

- √ Is consistent with the Provincial Policy Statement (s. 3(5) Planning Act);
- √ Does not require a plan of subdivision for the proper and orderly development of the municipality (s. 53(1) Planning Act);
- √ Conforms with section 51(24) of the Planning Act;
- √ Conforms with the Huron County Official Plan;
- √ Conforms with the South Huron Official Plan;
- √ Complies with the municipal Zoning By-law (or will comply subject to a standard condition of rezoning or minor variance);
- n/a Has been recommended for approval by the local municipality; and
- √ Has no unresolved objections/concerns raised (to date) from agencies or the public.

**(Applications that do not meet all of the foregoing criteria will be referred to the Committee of the Whole for a decision)**

### Agency/Public Comments:

|                                  | Not Received<br>or N/A | No<br>Concerns | Comments/Conditions  |
|----------------------------------|------------------------|----------------|--|
| Conservation<br>Authority (ABCA) | N/A                    |                |  |
| Neighbours/Public                |                        |                | One letter received from a neighbor noting they have no objection to the proposed consent. |
| Huron County<br>Highways         | N/A                    |                |  |
| Huron County<br>Health Unit      |                        | √              | Huron County Health Unit noted no conditions for consent.                                  |
| South Huron Staff                |                        |                | See conditions.  |

**Figure 1: Aerial of Subject Property. Severed Parcel identified in Red. Retained Parcel identified in Yellow. Lands to be enlarged identified in Blue.**



**Figure 2: Photo of subject lands. Approximate severed area identified in red.**



### ***Purpose***

The purpose of this application is for boundary adjustment to enlarge an existing residential lot in the Oakwood Park, Port Blake Planning Area area of South Huron. The vacant strip of land to be severed from parcel at Plan 125 Lot 5 Lot 41 S PT Lot 40 (“Parcel A”) is approximately 42.2sqm in size (based on applicant measurements). If approved, the severed lands would be added to the abutting lands described as PLAN 125 LOT 3 LOT 4 LOT 42; LOT 43 PT LOT 2 PT LOT 44, owned by Scatcherd David Allan (the Estate of), municipally known as 5 Lakeshore Drive. The severance will provide additional side yard to the existing residential dwelling located at 5 Lakeshore Drive “Parcel B” for access and improvement of an existing porch that encroaches on the property line.

### ***South Huron Official Plan***

The subject lands being Parcel A, are currently designated Lakeshore Residential in the South Huron Official Plan. The lands to which the severed parcel will be added, 5 Lakeshore Drive, are also designated Lakeshore Residential in the South Huron Official Plan. The Oakwood Park area is located with the Port Blake Planning Area, which is identified as a Primary II Settlement Area. Under the Land Division Policies Section 13.3.4.3.1 specific provisions are outlined for severance in the Port Blake Planning Area including “for lot enlargement purposes, lot boundary adjustments and title correction purposes”.

The proposed minor boundary lot adjustment is in line with policies for consent in the Port Blake Settlement Area as the consent is for servicing purposes and access. Further, no new lot is proposed, both lots retain frontage on an open and maintained road, no additional traffic hazards will result, and this severance should not hinder or restrict existing and/or future development.

### ***Township of Stephen Zoning By-law 12-1984***

Both Parcel A being the subject parcel, and Parcel B the lands to be enlarged, are zoned RC1-2 (Recreational Residential Special Provisions) in the Township of Stephen Zoning By-law. The retained lands will maintain their current zoning, as will the lands to which the severed parcel is to be added after this consent. No change in zoning will result on either Parcel A or Parcel B.

Lot frontages for Parcel A and Parcel B are existing, and will maintain minimum zone requirements after this consent. The proposed consent does propose to take land area from Parcel A, but the retained parcel will still maintain minimum required lot area after this consent application.

### ***Additional Comments:***

This application has been circulated to municipal agencies for review and comment; agency comments are addressed in the report and conditions. At the time of writing this report, one letter was received from a member of the public but they noted no concern with the application.

### ***Summary:***

As this application represents a minor boundary adjustment which meets the intent of the South Huron Official Plan and Township of Stephen Zoning By-law, it is recommended it **be approved**.

Sincerely,

'Original signed by'

Sarah Smith

February 23, 2018

Date

**Should Council choose to recommend this application for approval by the County of Huron, the conditions below are recommended. The application would be approved, on the condition that:**

### **Expiry Period**

1. Conditions imposed must be met within one year of the date of notice of decision, as required by Section 53(41) of the Planning Act, RSO 1990, as amended. If conditions are not fulfilled as prescribed within one year, the application shall be deemed to be refused. Provided the conditions are fulfilled within one year, the application is valid for two years from the date of notice of decision.

### **Municipal Requirements**

2. Any and all monies owed to the Municipality must be paid in full, which may include but are not limited to servicing connections, cash-in-lieu of park dedication, property maintenance, water and wastewater charges, garbage and recycling charges, property taxes, compliance with zoning by-law provisions for structures etc.
3. 911 addressing for the subject lands be dealt with to the satisfaction of the Municipality.

### **Survey/Reference Plan or Registerable Description**

4. Provide to the satisfaction of the County and the Municipality:
  - a) a survey showing the lot lines of the severed parcel and the location of any buildings thereon, and

- b) a reference plan based on the approved survey;

### **Zoning**

5. Where a violation of any municipal zoning by-law is evident, the appropriate minor variance or rezoning be obtained to the satisfaction of the Municipality.

### **Merging**

6. The severed land merge on title with the abutting property to the south (5 Lakeshore, Township of Stephen, currently in the ownership of Valerie Scatcherd for the Estate of David Scatcherd) upon issuance of the certificate under Section 53(42) of the Planning Act, RSO 1990, as amended.
7. A firm undertaking is to be provided from the solicitor acting for the parties indicating that the severed land and the abutting property to the south (5 Lakeshore Drive) be consolidated into one P.I.N. under the Land Titles system. Note: in the case where a title search has been completed and it has been determined that the severed/retained lands are registered in two different systems (e.g. the Registry or Land Titles system) and a consolidation is not possible then notice will be required to be registered in both systems indicating that the parcels have merged with one another and is considered to be one parcel with respect to Section 50 (3) or (5) of the Planning Act, R.S.O. 1990, C P.13 as amended.
8. Section 50(3) of the Planning Act, RSO 1990, as amended, applies to any subsequent conveyance or transaction of the retained land.

Note: If development is proposed on either Parcel A or Parcel B, all municipal requirements for servicing and development of each lot individually must be met to municipal standards.



## PLANNING & DEVELOPMENT

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**www.huroncounty.ca**

### Consent Application Report – File # B05-2018

|  |                         |
|--|-------------------------|
| Owner: Tom Hayter and Elaine Hayter                                  | Date: February 23, 2018 |
| Applicant: Tom Hayter  |                         |
| Property Address: 37489 Dashwood Road                                |                         |
| Property Description: Part Lot 25 North Boundary Concession, Stephen |                         |

#### Recommendation:

That provisional consent be:

- √ granted with conditions (attached)
- deferred (for ...)
- denied (referred to the Committee of the Whole, for a decision)

#### Purpose:

- √ enlarge abutting lot
- create new lot
- surplus farm dwelling
- right-of-way / easement
- other:

| Area:                       | Official Plan Designation | Zoning |
|-----------------------------|---------------------------|--------|
| Severed: 1.77 ac (0.72 ha)  | Agriculture               | AG4    |
| Retained: 1.26 ac (0.51 ha) | Agriculture               | AG4    |

#### Review: This application:

- √ Is consistent with the Provincial Policy Statement (s. 3(5) Planning Act);
- √ Does not require a plan of subdivision for the proper and orderly development of the municipality (s. 53(1) Planning Act);
- √ Conforms with section 51(24) of the Planning Act;
- √ Conforms with the Huron County Official Plan;
- √ Conforms with the South Huron Official Plan;
- √ Complies with the municipal Zoning By-law (or will comply subject to a standard condition of rezoning or minor variance);
- n/a Has been recommended for approval by the local municipality; and
- √ Has no unresolved objections/concerns raised (to date) from agencies or the public.

**(Applications that do not meet all of the foregoing criteria will be referred to the Committee of the Whole for a decision)**



### Agency/Public Comments:

|                                  | Not Received<br>or N/A | No<br>Concerns | Comments/Conditions |
|----------------------------------|------------------------|----------------|---------------------|
| Conservation<br>Authority (ABCA) |                        | √              |                     |
| Neighbours/Public                | None<br>Received       |                |                     |
| Huron County<br>Highways         | None<br>Received       |                |                     |
| Huron County<br>Health Unit      |                        | √              |                     |
| South Huron Staff                |                        |                | See conditions      |

**Figure 1: Aerial of Subject Property. Severed parcel identified in red. Retained parcel identified in yellow. Lands severed parcel is to be added to shown in blue.**



**Figure 2: Photo of subject lands. Severed area identified in red, retained in yellow.**



**Figure 3. Street view of subject parcel. Severed lands in red, currently vacant. Retained lands in yellow, with an existing dwelling.**



The purpose of this application is for boundary adjustment to enlarge an existing agricultural lot in the agricultural area of Stephen Township, west of the Dashwood Settlement area. The vacant area of land to be severed from 37489 Dashwood Road is approximately 70.7 metres wide by 101.8 metres deep (based on applicant measurements). If approved, the severed lands would be added to the abutting lands described as CON N BDY PT LOT 25 E PT LOT 26, owned by Hayter's Turkey Farms Ltd, municipally known as 37451 Dashwood Road. The severed lands are vacant. The applicant intends to sever and add land to 37451 Dashwood road to increase the farm area and allow for future expansion of the existing agricultural operation/business.

### ***South Huron Official Plan***

The subject lands at 37489 Dashwood Road are currently designated Agriculture in the South Huron Official Plan. The lands to which the severed parcel will be added, 37451 Dashwood Road, are also designated Agriculture in the South Huron Official Plan. Agricultural uses predominate in this area and are a primary resource for Huron County and the Municipality of South Huron. Expansion of an agricultural operation is encouraged as this is a primary resource in the area.

The policies in Section 13.3.1 of the South Huron Official Plan speak to severances in the agricultural areas. Criteria for the evaluation of this severance is as follows:

*a) The consent must respect the need for long term agricultural flexibility*

The subject consent meets this policy by enlarging an active, farming operation and removing land from an agricultural residential parcel that can be used for future agricultural use. Further, although the lands which the severed parcel are proposed to merge do meet the minimum 38 hectare farm size in the South Huron Official Plan, an existing agricultural operation is being enlarged which further enhances the existing agriculture base in this area.

*b) Conveyances for agricultural purposes will be subject to the applicable Minimum Distance Separation (MDS) requirements*

There are no MDS issues with the subject consent.



- c) *Consents will not be allowed which have the effect of creating a use not directly related to agriculture*

The proposed boundary adjustment enhances and expands an existing agricultural operation. The retained lands are an existing small agricultural holding and removal of valuable tillable or agriculture land from a rural residential lot is fitting with the policies of the plan.

#### ***Township of Stephen Zoning By-law 12-1984***

The subject lands are currently zoned Agriculture Small Holding (AG4) which recognizes the exiting rural residential dwelling in the Agricultural area. After this boundary adjustment, the lands to be retained will still maintain minimum lot area and setback provisions in the AG4 zone. The enlargement of an existing AG2 parcel will increase lot area of an existing agricultural parcel and operation.

It is recommended that the severed parcel currently under the AG4 zone be rezoned to AG2 (Restricted Agriculture) so the zoning on this portion of land is consistent with the zoning of the larger parcel to which the severed lands will be added. This has been made a condition of this consent.

#### ***Additional Comments:***

This application has been circulated to municipal agencies for review and comment. No public comments were received from the public at time of writing this report.

#### ***Summary:***

As this application represents a minor boundary adjustment which meets the intent of the South Huron Official Plan and Township of Stephen Zoning By-law it is recommended it **be approved**.

Sincerely,

'Original signed by'

Sarah Smith

February 23, 2018

Date

**Should Council choose to recommend this application for approval by the County of Huron, the conditions below are recommended. The application would be approved, on the condition that:**

#### **Expiry Period**

1. Conditions imposed must be met within one year of the date of notice of decision, as required by Section 53(41) of the Planning Act, RSO 1990, as amended. If conditions are not fulfilled as prescribed within one year, the application shall be deemed to be refused. Provided the conditions are fulfilled within one year, the application is valid for two years from the date of notice of decision.

**Municipal Requirements**

2. Any and all monies owed to the Municipality must be paid in full, which may include but are not limited to servicing connections, cash-in-lieu of park dedication, property maintenance, water and wastewater charges, garbage and recycling charges, property taxes, compliance with zoning by-law provisions for structures etc.
3. 911 addressing for the subject lands be dealt with to the satisfaction of the Municipality.

**Survey/Reference Plan or Registerable Description**

4. Provide to the satisfaction of the County and the Municipality:
  - a) a survey showing the lot lines of the severed parcel and the location of any buildings thereon, and
  - b) a reference plan based on the approved survey;

**Zoning**

5. The severed parcel be rezoned to the appropriate zone (e.g. AG2 Restricted Agriculture) to the satisfaction of the Municipality.
6. Where a violation of any municipal zoning by-law is evident, the appropriate minor variance or rezoning be obtained to the satisfaction of the Municipality.

**Merging**

7. The severed land merge on title with the abutting property to the west (37451 Dashwood Road, Township of Stephen, currently in the ownership of Hayter's Turkey Farms Ltd) upon issuance of the certificate under Section 53(42) of the Planning Act, RSO 1990, as amended.
8. A firm undertaking is to be provided from the solicitor acting for the parties indicating that the severed land and the abutting property to the west (37451 Dashwood Road) be consolidated into one P.I.N. under the Land Titles system. Note: in the case where a title search has been completed and it has been determined that the severed/retained lands are registered in two different systems (e.g. the Registry or Land Titles system) and a consolidation is not possible then notice will be required to be registered in both systems indicating that the parcels have merged with one another and is considered to be one parcel with respect to Section 50 (3) or (5) of the Planning Act, R.S.O. 1990, C P.13 as amended.
9. Section 50(3) of the Planning Act, RSO 1990, as amended, applies to any subsequent conveyance or transaction of the retained land.



## Staff Report

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**Report To:** Dan Best, Chief Administrative Officer  
**From:** **Don Giberson, Environmental Services Director**  
**Date:** March 5 2018  
**Report:** ESD.18.01  
**Subject:** Results of the 2017 DWQMS System Audit by NSF-ISR International

---

### Recommendations:

That South Huron Council receive the report from Don Giberson, ESD Director RE: Results of the 2017 DWQMS System Audit by NSF-ISR International

### Purpose:

The purpose of this report is to update Council on the results of the 2017 Drinking Water Quality Management Standard (DWQMS) System Audit by NSF-ISR International.

### Background and Analysis:

External Audits by a third party independent auditor are required in order to maintain accreditation to operate a municipal drinking water system in Ontario. Accreditation is a regulatory requirement to maintain a municipal drinking water system licence, under the Safe Drinking Water Act. Municipalities are also required to have a drinking water works permit, accepted operational plan, financial plan and permit to take water (if applicable). The South Huron Water Distribution System has a valid Municipal Drinking Water System Licence #054-101 (issue 2, dated May 19, 2016) and was issued based on the following documents:

- Drinking Water Works Permit #054-201 (Issue 3, dated May 19, 2016)
- QMS Operational Plan (Version #7, dated June 15, 2015).

- Accredited Operating Authority (QMS Certificate # C0122376-DWQ5)
- Financial Plan #054-301 (Updated by Watson & Associates – published December 14, 2015)

External Audits are carried out annually, with an on-site verification audit performed every three years and off-site surveillance audits performed all other years. The 2017 External Audit was an “on-site” verification audit and was carried out by NSF-ISR International on September 25, 2017. However, due to an unexpected administrative delay at NSF-ISF International, the final audit report wasn’t issued until February 2, 2018. During this delay, a draft audit report was provided to the Municipality and NSF-ISF International issued an updated DWQMS Certificate of Registration on November 3, 2017 confirming continued compliance with the DWQMS Standard.

The On-site Verification Audit resulted in no corrective action items and no non-conformities. Four opportunities for improvement were identified for items that conform to the DWQMS requirement, but where an opportunity to improve exists. These opportunities for improvement will be reviewed and incorporated into the next update of the QMS Operational Plan. The Auditor summed up his report by stating that the “Process is effective. Strength is the dedication of DWQMSR and the Operators”

## **Operational Considerations:**

As this report is being presented for information purposes only, no alternatives are presented.

## **South Huron’s Strategic Plan:**

Section 6.2.2 of the Municipality of South Huron 2015- 2019 Strategic Plan identifies key objectives that are reflective of the collective perspectives of the strategic planning process.

The recommendations and actions outlined in this report are reflective of the following strategic objectives:

### Administrative Efficiency and Fiscal Responsibility

Good audit results and the Municipality’s demonstrated commitment to continual improvement has resulted in efficient audits, lower costs and full accreditation.

### Increased Communications and Municipal Leadership

The Public is updated on the Drinking Water Quality Management Standard through the year as each aspect of the DWQMS, accreditation and Drinking

Water licensing is reported to Council. Municipal Leadership is demonstrated by Council's endorsement of the DWQMS policy statement and commitment to funding necessary to maintain the DWQMS.

#### Transparent, Accountable and Collaborative Governance

Transparent, Accountable and Collaborative Governance is demonstrated by public reporting of audit results, inspections and annual drinking water system reports. Councils' commitment to continual improvement is the hallmark of a quality management system.

#### Dedicated Economic Development Effort

Maintaining full accreditation and operating a fully compliant drinking water system ensures public confidence, retains/attracts businesses and assists with economic development.

### **Financial Impact:**

There are no financial implications for the Corporation resulting from the proposed recommendation.

### **Legal Impact:**

There are no legal implications for the Corporation resulting from the proposed recommendation.

### **Staffing Impact:**

There are no staffing implications for the Corporation resulting from the proposed recommendation.

### **Policies/Legislation:**

1. Safe Drinking Water Act, 2002, S.O. 2002, c. 32
2. Ontario Regulation 170/03 - Drinking Water Systems
3. Ontario Regulation 188/07 - Licensing of Municipal Drinking Water Systems
4. Ontario Regulation 453/07 - Financial Plans

### **Consultation:**

Shawn Young, Water/Sewer Foreman was consulted regarding the content of this report as he is the designated Overall Responsible Operator (ORO) for the South Huron Drinking Water System.

**Related Documents:**

DWQMS System Audit by NSF-ISR International – 11/01/2017

Respectfully submitted,

A handwritten signature in black ink, enclosed within a faint rectangular border. The signature is stylized, with a large, loopy initial 'D' and 'G' followed by several vertical strokes and a long horizontal flourish at the bottom.

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**Don Giberson, Environmental Services Director**



## NSF International Strategic Registrations Audit Report

### **The Corporation Of The Municipality Of South Huron**

322 Main Street South P.O. Box 759  
Exeter, Ontario N0M 1S6 CAN

**C0122376**

#### **Audit Type**

DWQMS Verification Audit

#### **Auditor**

Subhash Chander

#### **Standard**

Ontario's Drinking Water Quality Management Standard  
(Exp Date: 31-OCT-2017)

#### **Recommendation**

Ontario's Drinking Water Quality Management Standard : Recertification, No CARs



### Executive Summary

|  |  |
|--|--|
| Ontario's Drinking Water Quality Management Standard | Improvements in SCADA system and Keeping a trend of the main breaks. |
|--|--|

### Opportunities

|  |   |
|--|---|
| Ontario's Drinking Water Quality Management Standard | Flow charting of processes- database for back flow devices certifications, Leakage protection program- could be carried on. |
|--|---|

### Corrective Action Requests

|  |  |
|--|--|
| There is NO Corrective Action Request in this audit. |  |
|--|--|

### Site Information

The audit was based on a sampling of the company's management system.

### Industry Codes

NACE:E 41

### Scope of Registration

**Ontario's Drinking Water Quality Management Standard** : South Huron Distribution System, 054-OA1, Entire Full Scope Accreditation





## Opportunities for Improvements

### Ontario's Drinking Water Quality Management Standard

| Opportunity                               | Observations / Auditor Notes   |
|---|--|
| Opportunities for Improvements (DWQMS)-01 | <p><b>Location of OFI</b><br/>18. Emergency Management;</p> <p><b>Discussed With</b><br/>Don Giberson, DWQMSR; Shawn Young, Water/Wastewater Foreman;</p> <p><b>Description</b><br/>The scenario of "Main Break" is common happening.; The intent of element 18 has been met, but could consider doing the exercise with some other weather related scenario.</p>  |
| Opportunities for Improvements (DWQMS)-02 | <p><b>Location of OFI</b><br/>19. Internal Audit;</p> <p><b>Discussed With</b><br/>Don Giberson, DWQMSR; Shawn Young, Water/Wastewater Foreman;</p> <p><b>Description</b><br/>Internal was performed by a trained and a qualified person. The intent of element 19 has been met, but could consider classifying the findings in three categories of Compliant, Non-compliant and OFI's.<br/>Also consider process auditing with the preparation &amp; use of SOP's flow charts.;</p>   |
| Opportunities for Improvements (DWQMS)-03 | <p><b>Location of OFI</b><br/>20 Management Review;</p> <p><b>Discussed With</b><br/>Don Giberson, DWQMSR; Shawn Young, Water/Wastewater Foreman;</p> <p><b>Description</b><br/>Management review not completed- Planning to complete on October 11, 2017; Could consider the use of a template of requirements by the DWQMS Standard.; The Items required in the standard have been addressed- The use of template considering all the requirements by the standard are now addressed in the copy of the Management review sent to me bt E-mail and added on to EGNYTE.</p> |
| Opportunities for Improvements (DWQMS)-04 | <p><b>Location of OFI</b><br/>21. Continual Improvement;</p> <p><b>Discussed With</b><br/>Don Giberson, DWQMSR; Shawn Young, Water/Wastewater Foreman;</p> <p><b>Description</b><br/>All the changes and improvements made for the QMS could be documented in the Continual Improvement area.;</p>   |

## General Information

|  |   |
|--|---|
| <b>Operating Authority: Legal Name &amp; Address</b>                     | <b>The Corporation of the Municipality of South Huron, 122 Main Street South, Exeter, On. N0M 1S6</b> |
| <b>Language Preference: Correspondence</b>                               | <b>English</b>  |
| <b>Language Preference: Audit</b>  | <b>English</b>  |
| <b>Owner: Legal Name and Address</b>                                     | <b>The Corporation of the Municipality of South Huron, 122 Main Street South, Exeter, On. N0M 1S6</b> |
| <b>Owner Language Preference: Correspondence</b>                         | <b>English</b>  |
| <b>Owner Language Preference: Audit</b>                                  | <b>English</b>  |
| <b>Applicant Representative Information; Include Name, Title, Phone,</b> | <b>Don Giberson, DWQMSR,</b>  |



|   |  |
|---|--|
| <b>Fax, Email &amp; Website</b>                     | <b>Ph. No. 519-235-0310 X 226;<br/>dgiberson@southhuron.ca<br/>; WWW.Southhuron.ca</b> |
| <b>Accreditation Option</b>                         | <b>Full Scope - Entire DWQMS</b>   |
| <b>Date of Previous Systems Audit:</b>              | <b>Nov.25, 2016</b>  |
| <b>Date of Previous On-Site Verification Audit:</b> | <b>Sept. 26, 2014</b>  |

## Processes

### Ontario's Drinking Water Quality Management Standard

| <b>Process Name</b>                | <b>Observations / Auditor Notes</b>  |
|------------------------------------|--|
| Processes or Activities (DWQMS)-01 | <p><b>Describe whether the process is effective or not (effectiveness should be supported with specific data/records/results). Include strengths &amp; weaknesses of process:</b></p> <p>Process is effective- Strength is the dedication of DWQMSR and the Operators;</p> |



## Summary of Findings

| Requirement   | Finding  |
|---|--|
| 1. Quality Management System  | C  |
| 2. Quality Management System Policy                                   | C  |
| 3. Commitment and Endorsement   | C  |
| 4. Quality Management System Representative                           | C  |
| 5. Document and Record Control  | C  |
| 6. Drinking-Water System  | C  |
| 7. Risk Assessment  | C  |
| 8. Risk Assessment Outcomes   | C  |
| 9. Organizational Structure, Roles, Responsibilities, and Authorities | C  |
| 10. Competencies  | C  |
| 11. Personnel Coverage  | C  |
| 12. Communications  | C  |
| 13. Essential Supplies and Services                                   | C  |
| 14. Review and Provision of Infrastructure                            | C  |
| 15. Infrastructure Maintenance, Rehabilitation & Renewal              | C  |
| 16. Sampling, Testing & Monitoring                                    | C  |
| 17. Measurement & Recording Equipment, Calibration & Maintenance      | C  |
| 18. Emergency Management  | OFI  |
| 19. Internal Audits   | OFI  |
| 20. Management Review   | OFI  |
| 21. Continual Improvement   | OFI  |
| <b>Mj</b>   | Major Non-Conformity. The auditor has determined one of the following:<br>(a) a required element of the DWQMS has not been incorporated into a QMS;<br>(b) a systemic problem with a QMS is evidenced by two or more minor conformities; or<br>(c) a minor non-conformity identified in a corrective action request has not been remedied. |
| <b>Mn</b>   | Minor Non-Conformity. In the opinion of the auditor, part of a required element of the DWQMS has not been incorporated satisfactorily into a QMS.  |
| <b>OFI</b>  | Opportunity for Improvement. Conforms to requirement, but there is opportunity for improvement.  |
| <b>C</b>  | Conforms to requirement.   |
|   | Not Applicable to this audit   |
| <b>*</b>  | Additional Comment added by auditor in the body of the report.   |



**Audit Summary Matrix**





## Staff Report

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**Report To:** Dan Best, Chief Administrative Officer  
**From:** **Don Giberson, Environmental Services Director**  
**Date:** March 5 2018  
**Report:** ESD.18.04  
**Subject:** 2017 Annual Report for the South Huron Drinking Water System

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### Recommendations:

**That** South Huron Council receive the report from D. Giberson, ESD Director  
RE: 2017 Annual Report for the South Huron Drinking Water System.

### Purpose:

The purpose of this report is to notify Council that a comprehensive annual report has been prepared for South Huron drinking water system. Receiving this information protects the liability of those in an oversight role and ensures that all Members of Council are fully informed.

### Background and Analysis:

The *Ontario Drinking Water Systems Regulation*, made under the *Safe Drinking Water Act*, requires that an annual report be prepared for the preceding year for all municipal residential drinking water systems. If a drinking water system is municipally owned, the annual report must be prepared and submitted to the Members of the Municipal Council for review prior to March 31st of the following year.

Accordingly, the 2017 Annual Report for the South Huron Drinking Water System has been prepared and a copy is attached as Appendix A.

## **Operational Considerations:**

As this report is being presented for information purposes only, no alternatives are presented.

## **South Huron's Strategic Plan:**

Section 6.2.2 of the Municipality of South Huron 2015- 2019 Strategic Plan identifies key objectives that are reflective of the collective perspectives of the strategic planning process.

The recommendations and actions outlined in this report are reflective of the following strategic objectives:

### Administrative Efficiency and Fiscal Responsibility

Informing Council of regulatory compliance and performance of the drinking water system, reduces liability and results in efficient use of time/resources.

### Increased Communications and Municipal Leadership

Communicating information to Council related to drinking water, keeps Members of Council informed and assists in making informed decisions, resulting in good stewardship of the South Huron Drinking Water System.

Reports to Council assists to keep the public informed of the performance of the drinking water system.

### Transparent, Accountable and Collaborative Governance

Public reporting of the performance of the South Huron Drinking Water System, demonstrates commitment to transparent, accountable and collaborative governance.

### Dedicated Economic Development Effort

Informing Council of regulatory compliance and performance of the drinking water system results in increased public confidence; retention/attraction of businesses and economic development opportunities.

## **Financial Impact:**

There are no financial implications for the Corporation resulting from the proposed recommendation.

**Legal Impact:**

There are no legal implications for the Corporation resulting from the proposed recommendation.

**Staffing Impact:**

There are no staffing implications for the Corporation resulting from the proposed recommendation.

**Policies/Legislation:**

1. Ontario Water Resources Act, R.S.O. 1990, c. O.40
2. Safe Drinking Water Act, 2002, S.O. 2002, c. 32
3. Clean Water Act, 2006, SO 2006, c 22
4. Ontario Regulation 169/03 – Ontario Drinking Water Quality Standards
5. Ontario Regulation 170/03 - Drinking Water Systems
6. Ontario Regulation 188/07 - Licensing of Municipal Drinking Water Systems

**Consultation:**

Shawn Young Water/Sewer Foreman and Drinking Water System “Over-All-Responsible Operator” provided information in this report.

**Related Documents:**

South Huron Water Distribution System – 2017 Annual Report to Council

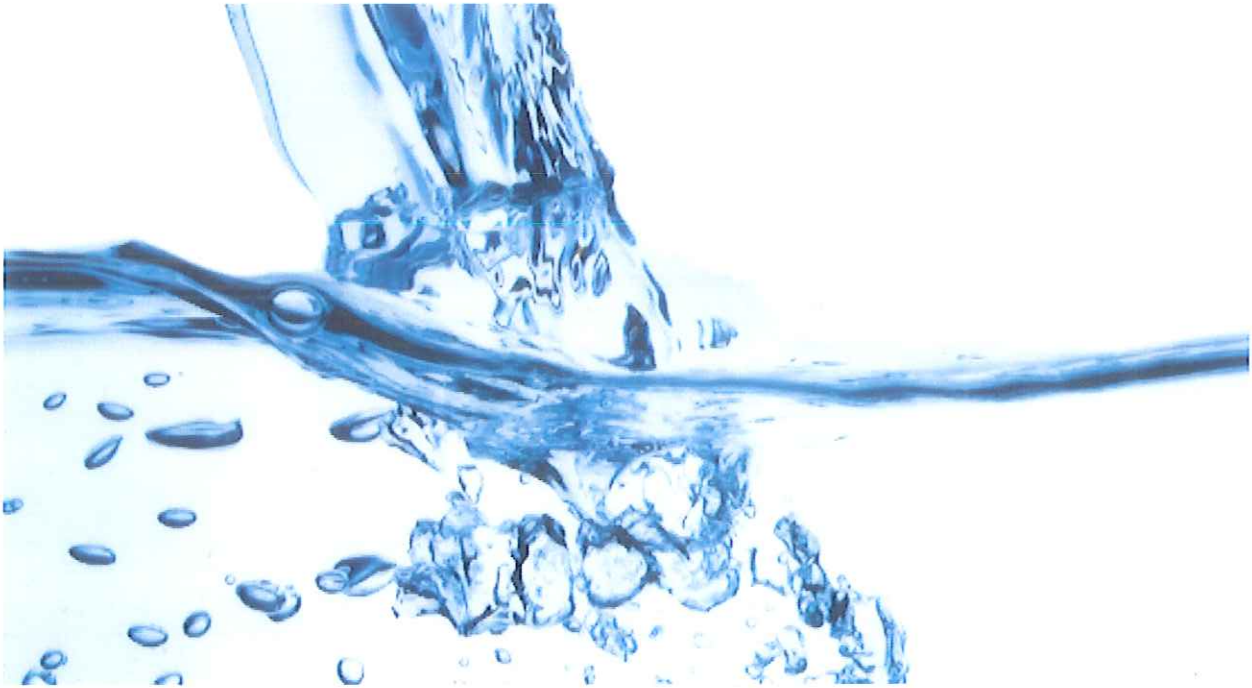
Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Don Giberson', enclosed within a large, loopy oval shape.

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**Don Giberson, Environmental Services Director**





# **South Huron Water Distribution System**

## **2017 Annual Report to Council**

March 5, 2018

## 2017 Annual Water Distribution System Report to Council

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- I. Description of South Huron Water Distribution System
- II. MOECC Inspection, Orders and Compliance issues
- III. Summary of Quantities & Flow Rates
- IV. Summary of Bacteriological Sampling
- V. Summary of Lead Sampling
- VI. Summary of Watermain Breaks and Service leaks
- VII. Summary of Frozen Water Services

**APPENDICIES**

- A. Owner requirements under the Safe Drinking Water Act
- B. Regulations pertaining to the operation of water system
- C. Municipal Drinking Water Licence #051-101 (Issue Number 2)
- D. Drinking Water Works Permit #054-201 (Issue Number 3)
- E. DWQMS Certificate of Registration from NSF International
- F. 2017 Annual Drinking Water System Compliance Report to MOECC

## I. DESCRIPTION OF SOUTH HURON WATER DISTRIBUTION SYSTEM

### System Overview

The South Huron water distribution system provides service to approximately 8,000 residents in Exeter, Stephen and a few customers in Usborne Ward, in the vicinity of the former Exeter well sites. The system consists of 209 km of distribution piping, booster pumping stations, reservoirs and water towers. The system is continuously monitored by online analyzers and a computerized Supervisory, Control and Data Acquisition System (SCADA). Source of supply is the Lake Huron Primary Water Supply System (LHPWSS). South Huron residents along our south boundary are serviced from the adjacent North Middlesex water system; who also obtain treated water from the LHPWSS. South Huron supplies customers in Municipality of Bluewater along our north boundary and in the village of Dashwood.

### Water Source

The Municipality of South Huron obtains its drinking water supply from the Lake Huron Primary Water Supply System. The LHPWSS Joint Board of Management owns and governs the area water system using the City of London as the Administering Municipality. City of London, Regional Water Supply Division provides all administrative services on behalf of the Joint Board. The LHPWSS is operated by The Ontario Clean Water Agency (OCWA), under contract to the LHPWSS Joint Board of Management.

The LHPWSS water treatment plant is located in South Huron near the intersection of Highway #21 and County Road #83. The WTP has a treatment capacity of 340 million litres per day and supplies water to the City of London and several municipalities in our region. The South Huron connections to LHPWSS system are at the following locations:

- B-Line Connection - Gore Road and B-Line
- Shipka connection - Crediton Road, east of Shipka
- Dashwood connection - Huron Street and Bronson Line
- Exeter south connection - Huron Street and Airport Line
- Exeter north connection - Airport Line and Thames Road

### Detailed System Description

#### Distribution System

The South Huron water distribution system is comprised of approximately 181km of watermains ranging in size from 50mm to 400mm diameter. The 50mm mains are polyethylene (PE); 100mm to 300mm mains are polyvinylchloride (PVC) and larger mains are also cast iron, ductile iron, steel and concrete pressure pipe.

The oldest water system in the municipality is in Exeter, where pipes were installed in 1900 as a street watering system. Between 1910 and 1915 the system expanded to provide water for the Grand Trunk Railway Yard, for



## 2017 Annual Water Distribution System Report to Council

plumbing purposes and fire protection. The Exeter Public Utilities Commission was established in 1917; however, potable drinking water wasn't provided until 1936 with the development of the Springs well site and Main Pump House on MacNaughton Drive. Some of the early cast iron watermains are still in service; however, many of the older mains have been replaced and the majority now date from the mid 1960's.

The Huron Park distribution system was constructed in the early 1940's by the RCAF, as part of the Airforce Station Centralia. The Base closed in 1967 and the system transferred to the former Stephen Township in 1983. The entire water distribution system in the Huron Park residential area was replaced in 2006. In 2010 the watermains on Canada Avenue in the Industrial area were replaced and upgraded.

The Stephen distribution system dates to the mid to late 1960's. After the completion of the Lake Huron Water Treatment Plant in 1965, watermain systems started to be built in the lakeshore area of the former Stephen Township. Significant expansion of the Stephen system occurred in 1983 with systems being constructed in Crediton, Centralia and Dashwood. In 2010 a new 300mm watermain was constructed from Huron Park to Centralia (Airport Line & Canada Ave to Victoria Drive & Melbourne Street). This watermain, in combination with the new Huron Park water tower, provides improved fire protection to the village of Centralia.

## Pressure Zones

- **Stephen Pressure Zone 1 (HGL 250m)** - A connection to the LHPWSS transmission main through a pressure reducing valve (PRV) and metering chamber located west of the intersection of B-Line and Gore Road, provides water supply to the Stephen Pressure Zone 1. It is through this connection that LHPWSS also provides water to the Hwy #21 corridor in the Municipality of Bluewater.

LHPWSS is responsible for maintaining the water supply to Bluewater, water quality and billings through a deduct meter at Waterworks Road and Hwy #21. This connection also provides an emergency backup water supply to the Municipality of Lambton Shores through a normally closed valve in an inter-connect chamber on Highway #21, at the boundary between Lambton Shores and South Huron.

Stephen Pressure Zone 1 is separated from Stephen Pressure Zone 2 by a pressure zone control chamber located on County Road #83, immediately west of Shipka Line. This chamber is equipped with a normally closed gate valve with a 19mm bleeder valve to maintain a minimum circulation of water at this location.

If the normal feed to Stephen Pressure Zone 1, from the LHPWSS transmission main connection on B-Line is disrupted, an emergency backup feed can be provided from the Lambton Shores distribution system. In an emergency the



## 2017 Annual Water Distribution System Report to Council

normally closed gate valve in the inter-connect chamber, located on Highway #21 at the Lambton Shores/South Huron boundary, can be opened to feed Stephen Pressure Zone 1 through the 350mm watermain on Highway #21.

If the feed to Stephen Pressure Zone 1 from the LHPWSS Water Treatment Plant is disrupted; minimum flow and pressure at the LHPWSS B-Line connection can be sustained for approximately twelve (12) hours from the head pressure in the LHPWSS 1200mm pipeline.

- **Stephen Pressure Zone 2 (HGL 263m) (County Rd #10, west of village of Shipka)** - A connection to the LHPWSS transmission main through a pressure reducing valve (PRV) and metering chamber; then through a separate valve chamber, provides water supply to the Stephen pressure Zone 2 including the community of Shipka.

Stephen Pressure Zone 2 is separated from Stephen Pressure Zones 1, 3 and 4 by three pressure zone control chambers. The first chamber is located County Road #83, immediately west of Shipka Line; the second at Blackbush Line, north of Crediton Road; and the third on County Road #83 west of the village of Dashwood. The chambers located at County Road #83/Shipka Line and Blackbush Line/Crediton Road are equipped with a normally closed gate valve with a 19mm bleeder valve to maintain a minimum circulation of water at these locations.

The chamber located on County Road #83 west of the village of Dashwood is equipped with pressure sustaining valve that will sense a pressure drop in Stephen Pressure Zone 2 and automatically open to provide an emergency backup feed from Zone 4 to Stephen Pressure Zone 2.

- **Stephen Pressure Zone 3 (HGL 281m) (County Rd #10, east of village of Shipka)** - A connection to the LHPWSS transmission main through a pressure reducing valve (PRV) and metering chamber provides water supply to the Stephen Pressure Zone 2 between the village of Shipka and Crediton. Some rural areas north and south of this route also receive water directly from the County Road 10 feedermain. A portion of the feedermain along County Road 10 from Shipka to Goshen Line is twinned for additional capacity.

Stephen Pressure Zone 3 is separated from Stephen Pressure Zones 2, 3 and 4 by four pressure zone control chambers. The first chamber is located on Blackbush Line, north of Crediton Road; the second at Bronson Line & Huron Street; the third at Goshen Line & Huron Street; and the fourth at Babylon Line & Huron Street.

The chambers located at Blackbush Line/Crediton Road; Goshen Line/Huron Street; and Babylon Line/Huron Street are equipped with a normally closed gate valve with a 19mm bleeder valve to maintain a minimum circulation of water at these locations.



## 2017 Annual Water Distribution System Report to Council

The chamber located on Bronson Line south of Huron Street is equipped with pressure sustaining valve that will sense a pressure drop in Stephen Pressure Zone 3 and automatically open to provide an emergency backup feed from Stephen Pressure Zone 4.

- **Stephen Pressure Zone 4 (HGL 293m) (Dashwood Connection)** - The connection to the LHPWSS Exeter-Hensall transmission main through a pressure reducing valve (PRV) and metering chamber at Bronson Line and Huron Street services the village of Dashwood and the surrounding pressure zone. A series of pressure control zone chambers are installed at the limits of the pressure zone.

Stephen Pressure Zone 4 is separated from Stephen Pressure Zones 2 and 3 by four pressure zone control chambers. The first chamber is located on County Road #83, east of the village of Dashwood; the second at Bronson Line & Huron Street; the third at Goshen Line & Huron Street; and the fourth at Babylon Line & Huron Street.

The chambers located at Goshen Line/Huron Street and Babylon Line/Huron Street are equipped with a normally closed gate valve with a 19mm bleeder valve to maintain a minimum circulation of water at these locations.

The chamber located on Bronson Line south of Huron Street is equipped with pressure sustaining valve that will sense a pressure drop in Stephen Pressure Zone 4 and automatically open to provide an emergency backup feed from Stephen Pressure Zone 3.

The chamber located on County Road #83 west of the village of Dashwood is also equipped with pressure sustaining valve that will sense a pressure drop in Stephen Pressure Zone 4 and automatically open to provide an emergency backup feed from Stephen Pressure Zone 2.

- **Stephen Pressure Zone 5 (HGL 307m) (County Rd #10, east of village of Crediton)** - A connection to the LHPWSS transmission main through a pressure reducing valve (PRV) and metering chamber at Shipka that provides water supply to the Stephen Pressure Zone 3, also supplies water to the Stephen Pressure Zone 5 and to Crediton, Huron Park and Centralia. Water is conveyed to Stephen Pressure Zone 5 via a watermain located along County Rd #10 from Shipka to Crediton; where an inline Booster Pumping Station, re-pumps the water on to the Stephen Pressure Zone 5 and to Crediton, Huron Park and Centralia.

Stephen Pressure Zone 5 is separated from Stephen Pressure Zone 3 by check valves located in the Crediton BPS. Stephen Pressure Zone 5 is separated from the Exeter South Pressure Zone by a control chamber located at Airport line and Huron Street. This chamber has a normally closed electrically operated valve that can be monitored and operated through the SCADA system. In an emergency the electrically operated valve in this chamber can be opened remotely to provide



## 2017 Annual Water Distribution System Report to Council

an emergency backup feed from Exeter South Pressure Zone to Stephen Pressure Zone 5.

The Exeter Water Tower HGL is at the same elevation as the Huron Park Water Tower and can operate as a backup for the Huron Park Water Tower and Stephen Pressure Zone 5 and to varying degrees can provide an emergency backup feed to Stephen Pressure Zones 3, 4, 2 and 1.

- **Exeter North Pressure Zone (HGL 313m)** - Exeter is serviced by two connections; the north connection to the LHPWSS Exeter-Hensall transmission main is through a pressure reducing valve (PRV) and metering chamber at Thames Road West and Airport Line. This connection provides water to the Exeter north pressure zone, north of the Ausable River and is separated from the Exeter South pressure zone by a control zone chamber located at William and Church Street. The chamber has a control valve, check valve and by-pass piping to control the pressure zones and allow feed from the north pressure zone to the south pressure zone to facilitate and an emergency feed in either direction.

The normal operation of the Exeter north pressure zone is a direct feed and with constant pressure provided by the LHPWSS pipeline on Airport Line. System pressure is constantly monitored and controlled through an integrated SCADA system and a by pressure control at the PRV at the north connection point. The backup for the north pressure zone is provided by the reconfigured MacNaughton Drive Booster Pumping Station, controlled by a VFD and PRV control of the high lift and fire pump discharges. Additional back up for the north pressure zone is provided by the Exeter south pressure zone and the elevated water tower located within that zone.

- **Exeter South Pressure Zone (HGL 307m)** - Exeter is serviced by two connections; the south connection to the LHPWSS is through a connection at the LHPWSS Exeter-Hensall Booster Pumping Station located at Huron Street and Airport Line. This connection provides water to the Exeter south pressure zone, south of the Ausable River and is separated from the Exeter North pressure zone by a control zone chamber located at William and Church Street. This chamber has a control valve, check valve and by-pass piping to control the pressure zones and allow feed from the north pressure zone to the south pressure zone to facilitate and an emergency feed in either direction.

The normal day time operation of the Exeter south pressure zone is to fill and drain the elevated water tower as required during the day from the Exeter south LHPWSS connection at Huron Street and Airport Line. Water tower levels are constantly monitored and controlled by the South Huron SCADA system and requests for water are automatically sent to the LHPWSS SCADA system. During the night the in-ground reservoirs at MacNaughton Drive are slowly filled from the Exeter distribution system. Water enters the in-ground concrete storage reservoirs through an inlet control pipe in the MacNaughton Drive Booster Pumping Station. During the early morning hours, water is pumped from the reservoir cells, by pumps located in the MacNaughton Drive BPS, to fill the



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elevated water tower, as required. This process continues until the reservoirs reach their low level setting and the system automatically switches over to the normal day time operation (ie. tower filled by the Exeter south LHPWSS connection).

The backup for the south pressure zone is provided by the reconfigured MacNaughton Drive Booster Pumping Station, controlled by a VFD and PRV control of the high lift and fire pump discharges. Additional redundancy for the south pressure zone is provided by the Exeter north pressure zone.

### Booster Pumping Stations

- **Crediton Booster Pumping Station** – An in-line booster pumping station (BPS) located at the west end of Crediton supplies water to the Stephen Pressure Zone 5, including Crediton, Huron Park and Centralia by pumping water along County Rd #10 and Airport Line to the new Huron Park Water Tower. The Crediton BPS has three pumps with VFD's; control valves; and is also equipped with a diesel powered backup emergency generator. The normal mode of operation of the BPS is that it is controlled by the Huron Park Water Tower levels. When the Huron Park Water Tower is taken out of service, the Crediton BPS is configured so that it can by-pass the Huron Park Water Tower and directly supply the water distribution system in the entire Stephen Pressure Zone 5 by using the VFD's.

The Crediton BPS and the pipeline on Airport Line is configured so that it can be used as an emergency backup supply to Exeter, by opening up a normally closed valve in a chamber at Airport Line and Huron Street. The Crediton BPS is also equipped with a control valve that can be opened in an emergency to back feed the Stephen Pressure Zone 3.

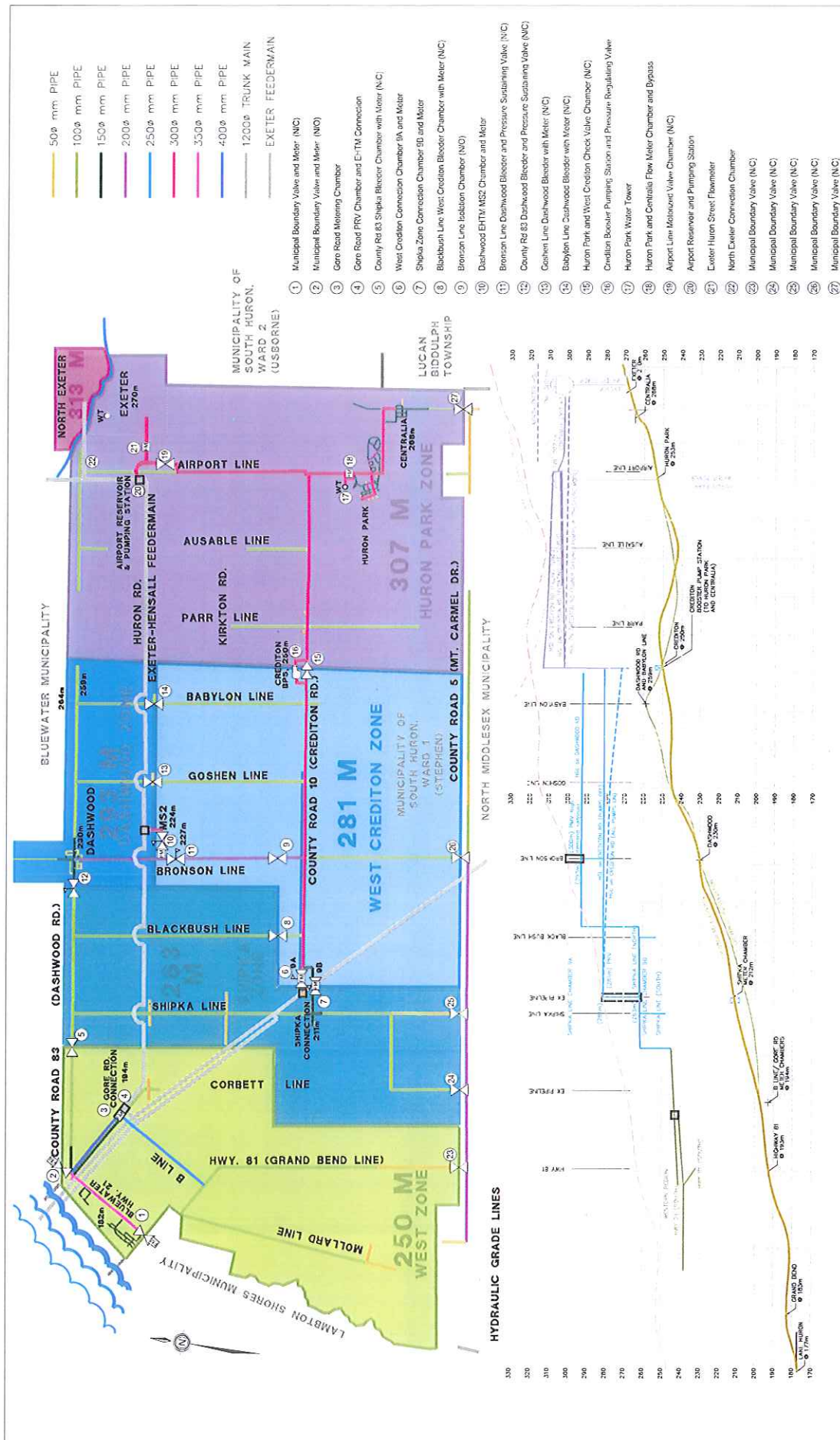
- **MacNaughton Drive Booster Pumping Station** - A booster pumping station (BPS) is located at 62B MacNaughton Drive, Exeter that supplies water to the Exeter North and the Exeter South Pressure Zones, including the Exeter Water Tower, when either pressure zone is not being supplied by the LHPWSS Exeter-Hensall pipeline connection.

The MacNaughton Drive BPS has three vertical turbine pumps with VFD's, including one that is a fire pump; control valves; and is also equipped with a diesel powered backup emergency generator located in the adjacent Generator Building at 62A MacNaughton Drive. One pump and the fire pump are dedicated to the Exeter North Pressure Zone; one pump is dedicated to the Exeter South Pressure Zone.

The BPS is controlled by the SCADA system and it's normal mode of operation is to fill and drain the MacNaughton Drive in-ground reservoirs; and to provide a backup for the Exeter North and Exeter South Pressure Zones. See section 6.4.1 "Exeter North Pressure Zone" and "Exeter South Pressure Zones" for description of normal mode of operation related to the MacNaughton Drive BPS.



# Upgraded System Hydraulic Grade Lines



## Storage Facilities

- **Huron Park Elevated Water Tower** - Elevated water tower consists of a 2,700 m<sup>3</sup> elevated tank located at 69751 Airport Line. The elevated tank provides “floating storage” and pressure regulation for the water distribution system in Stephen Pressure Zone 5, including CREDITON, Huron Park and Centralia. Water level in this tank is used to control the pumps at the CREDITON Booster Pumping Station. The Water tower is also equipped with a stand-alone natural gas powered backup emergency generator, located adjacent to the tower. Chlorine residual is continuously monitored at this location by an on-line analyzer in the mechanical room in the base of the water tower and chlorine gas can be injected into the water at this location to supplement any diminishing chlorine residual from the LHPWSS source water.

The Huron Park Water Tower HGL is at the same elevation as the Exeter Water Tower and the distribution system is configured so that it can operate as a backup for the Exeter Water Tower and associated pressure zones.

- **Exeter Water Tower** - Elevated water tower consists of a 1,515 m<sup>3</sup> elevated tank located at 66 Nelson Street. The elevated tank provides storage and pressure regulation for the Exeter South Pressure Zone and can be used in an emergency, as a backup for the Exeter North Pressure Zone at reduced pressure. Water level in this tank is used to control the source of supply for the Exeter South connection to the LHPWSS at the Exeter-Hensall Booster Pumping Station.

The Exeter Water Tower HGL is at the same as the Huron Park Water Tower and the distribution system is configured so that it can operate as a backup for the Huron Park Water Tower and associated pressure zones.

- **MacNaughton Drive Reservoirs** – Additional storage capacity for Exeter North and Exeter South Pressure Zones is provided by three in-ground concrete reservoir cells. The original 1,140 m<sup>3</sup> single cell in-ground reservoir (with a pump well) is located adjacent to the MacNaughton Drive Booster Pumping Station (BPS) and the 2,490 m<sup>3</sup> single cell in-ground reservoir is located in MacNaughton Park, south of the MacNaughton BPS. Both reservoirs normally operate in series as a single reservoir. Additional storage for the Exeter North and Exeter South Pressure Zones is provided by the LHPWSS 8,000 m<sup>3</sup> two cell in-ground concrete reservoir, located adjacent to the LHPWSS BPS at Huron Street and Airport Line. The LHPWSS BPS and reservoir is equipped with a stand-alone diesel powered backup emergency generator.

## Control System

The South Huron Water Distribution system is controlled by a PLC based Supervisory, Control and Data Acquisition system (SCADA) located at the Water/Sewer Operations Centre, 82 Nelson Street, Exeter. Remote processing units (RPUs) are situated at the MacNaughton Drive Booster Pumping Station,



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Crediton Booster Pumping Station, Exeter Water Tower, new Huron Park Water Tower, the monitoring chamber on Huron Street and the control zone chamber at Church & William Street. The PLC's communicate with the central SCADA computer at the Water/Sewer Operations Centre and this allows monitoring of all operational parameters, monitoring, annunciating, and forwarding of alarms, control of set points, duty sequences, and other operating parameters, and recording and print out of alarms and data collected from the remote sites.

## II. MOECC INSPECTION, ORDERS AND COMPLIANCE ISSUES

### *Ministry of Environment and Climate Change Annual Inspection*

There was no Ministry inspection of the South Huron Water Distribution System in 2017.

### *Non-compliance issues, Adverse Reports and Orders*

There were no non-compliance issues, MOECC Orders, or Adverse Reports for the South Huron Water Distribution System in 2017.

## III SUMMARY OF QUANTITIES AND FLOW RATES

Flow data is an indicator of the performance of the system and demonstrates seasonal variations in water consumption. An analysis of the Exeter flow data indicates that the Exeter-Hensall pipeline feeds are operating at approximately half of the design capacity, with significant capacity for growth and development.

In Stephen Ward the Crediton Booster Pumping Station rarely exceeds 50% of its design capacity. The fill and drain rates for the Huron Park Water Tower are very moderate and the water tower comfortably services the surrounding area, including Huron Park and Centralia.

| STEPHEN 2017 MAX DAY- DATE AND AVERAGE DAY FLOWS (m <sup>3</sup> ) |                                  |                  |       |                        |                  |     |                       |                  |     |
|--|----------------------------------|------------------|-------|------------------------|------------------|-----|-----------------------|------------------|-----|
|  | CREDITON BOOSTER PUMPING STATION |                  |       | HURON PARK WATER TOWER |                  |     | HURON PARK /CENTRALIA |                  |     |
| MONTH  | MAX                              | DATE             | AVG   | MAX                    | DATE             | AVG | MAX                   | DATE             | AVG |
| JAN  | 874                              | 30 <sup>th</sup> | 512   | 782                    | 26 <sup>th</sup> | 495 | 214                   | 10 <sup>th</sup> | 192 |
| FEB  | 1,141                            | 18 <sup>th</sup> | 541   | 1,069                  | 17 <sup>th</sup> | 549 | 214                   | 27 <sup>th</sup> | 191 |
| MAR  | 1,491                            | 17 <sup>th</sup> | 578   | 1,130                  | 17 <sup>th</sup> | 537 | 297                   | 2 <sup>nd</sup>  | 203 |
| APR  | 952                              | 10 <sup>th</sup> | 586   | 643                    | 3 <sup>rd</sup>  | 526 | 480                   | 10 <sup>th</sup> | 219 |
| MAY  | 965                              | 31 <sup>st</sup> | 614   | 596                    | 1 <sup>st</sup>  | 358 | 258                   | 25 <sup>th</sup> | 200 |
| JUN  | 1,262                            | 3 <sup>rd</sup>  | 797   | 536                    | 3 <sup>rd</sup>  | 396 | 313                   | 13 <sup>th</sup> | 259 |
| JUL  | 1,083                            | 21 <sup>st</sup> | 723   | 477                    | 27 <sup>th</sup> | 369 | 282                   | 4 <sup>th</sup>  | 247 |
| AUG  | 1,478                            | 15 <sup>th</sup> | 752   | 576                    | 25 <sup>th</sup> | 363 | 406                   | 25 <sup>th</sup> | 227 |
| SEP  | 1,294                            | 26 <sup>th</sup> | 805   | 578                    | 26 <sup>th</sup> | 409 | 452                   | 26 <sup>th</sup> | 270 |
| OCT  | 1,392                            | 26 <sup>th</sup> | 662   | 1,347                  | 26 <sup>th</sup> | 366 | 249                   | 4 <sup>th</sup>  | 210 |
| NOV  | 2,047                            | 27 <sup>th</sup> | 747   | 503                    | 23 <sup>rd</sup> | 325 | 294                   | 13 <sup>th</sup> | 213 |
| DEC  | 1,922                            | 10 <sup>th</sup> | 1,296 | 581                    | 22 <sup>nd</sup> | 297 | 264                   | 20 <sup>th</sup> | 230 |

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| EXETER 2017 MAX DAY- DATE AVERAGE DAY FLOWS (m <sup>3</sup> ) |                      |                  |       |                      |                  |     |                             |      |     |
|---|----------------------|------------------|-------|----------------------|------------------|-----|-----------------------------|------|-----|
|   | LHPWSS- EXETER NORTH |                  |       | LHPWSS- EXETER SOUTH |                  |     | HURON ST MONITORING CHAMBER |      |     |
| MONTH   | MAX                  | DATE             | AVG   | MAX                  | DATE             | AVG | MAX                         | DATE | AVG |
| JAN   | 778                  | 5 <sup>th</sup>  | 498   | 1,122                | 26 <sup>th</sup> | 744 | 1,333                       | 3rd  | 744 |
| FEB   | 1,528                | 18 <sup>th</sup> | 652   | 956                  | 15 <sup>th</sup> | 587 | 1,706                       | 18th | 824 |
| MAR   | 963                  | 24 <sup>th</sup> | 682   | 987                  | 10 <sup>th</sup> | 542 | 1,179                       | 28th | 713 |
| APR   | 1,136                | 25 <sup>th</sup> | 860   | 974                  | 21 <sup>st</sup> | 537 | 1,179                       | 21   | 732 |
| MAY   | 1,237                | 19 <sup>th</sup> | 888   | 1,128                | 25 <sup>th</sup> | 615 | 1,334                       | 25   | 787 |
| JUN   | 1,335                | 4 <sup>th</sup>  | 1,097 | 1,433                | 11 <sup>th</sup> | 779 | 1,653                       | 4    | 968 |
| JUL   | 1,393                | 27 <sup>th</sup> | 1,106 | 2,143                | 26 <sup>th</sup> | 820 | 2,244                       | 26   | 983 |
| AUG   | 2,108                | 25 <sup>th</sup> | 1,148 | 1,395                | 14 <sup>th</sup> | 806 | 1,592                       | 14   | 956 |
| SEP   | 1,302                | 27 <sup>th</sup> | 1,036 | 1,341                | 25 <sup>th</sup> | 617 | 1,534                       | 25   | 791 |
| OCT   | 1,002                | 1 <sup>st</sup>  | 759   | 1,598                | 26 <sup>th</sup> | 661 | 1,437                       | 10   | 742 |
| NOV   | 1,474                | 24 <sup>th</sup> | 650   | 1,263                | 20 <sup>th</sup> | 332 | 1,399                       | 20   | 595 |
| DEC   | 470                  | 6 <sup>th</sup>  | 302   | N/A                  | N/A              | N/A | 1,534                       | 22   | 853 |

Note: LHPWSS – EXETER SOUTH “N/A” due to errors in SCADA software. Data is not available.

#### IV. SUMMARY OF BACTERIOLOGICAL SAMPLING

The number of bacteriological samples taken in the South Huron water system are in accordance with *Schedule 10 of O. Reg. 170/03 - Ontario Drinking Water Quality Standards* made under the *Safe Drinking Water Act*. Bacteriological samples are also required weekly, at each POE UV location listed in Schedule C – “System Specific Conditions” in the South Huron Drinking Water Licence Number: 054-101. Throughout the year additional bacteriological samples are taken in response to customer water concerns, after watermain break repairs or other incidents of potential contamination.

524 bacteriological samples were taken in 2017, including 159 that were tested for HPC (Heterotrophic Plate Counts). All the samples were within the regulatory limits.

| 2017 BACTERIOLOGICAL TESTING |                   |            |                |                |                  |
|------------------------------|-------------------|------------|----------------|----------------|------------------|
| Month                        | Number of Samples |            | Sample Results |                | Range of Results |
|                              | Distribution      | HPC        | E.Coli         | Total Coliform |                  |
| JAN                          | 50                | 15         | 0              | 0              | <10              |
| FEB                          | 40                | 12         | 0              | 0              | <10              |
| MAR                          | 40                | 12         | 0              | 0              | <10-130          |
| APR                          | 40                | 12         | 0              | 0              | <10-20           |
| MAY                          | 51                | 15         | 0              | 0              | <10-30           |
| JUN                          | 40                | 12         | 0              | 0              | <10-10           |
| JUL                          | 40                | 12         | 0              | 0              | <10-270          |
| AUG                          | 50                | 15         | 0              | 0              | <10-20           |
| SEP                          | 41                | 14         | 0              | 0              | <10-10           |
| OCT                          | 50                | 15         | 0              | 0              | <10-40           |
| NOV                          | 42                | 13         | 0              | 0              | <10-530          |
| DEC                          | 40                | 12         | 0              | 0              | <10              |
| <b>TOTAL</b>                 | <b>524</b>        | <b>159</b> | <b>0</b>       | <b>0</b>       |                  |



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**Notes:**

1. Heterotrophic Plate Counts (HPC) results are used to measure the overall bacteriological quality of drinking water and are not an indicator of pathogens in drinking water.
2. Escherichia coli (E.Coli) is a type of fecal coliform that can cause intestinal illness. One strain is E. coli O157: H7 and is found in the digestive tract of cattle.
3. Total Coliform bacteria are a colony of relatively harmless microorganisms that live in the intestines of humans and animals. Fecal coliform by themselves are usually not pathogenic. However, they are indicator organisms that may indicate the presence of other pathogenic bacteria.
4. The presence of fecal contamination is an indicator that a potential health risk exists in water. Examples of waterborne pathogenic diseases include typhoid fever, viral and bacterial gastroenteritis and hepatitis A.

**V. SUMMARY LEAD SAMPLING**

Lead sampling requirements for the South Huron water distribution system is set out in the *Safe Drinking Water Act* under *Schedule 15.1* of O. Reg. 170/03 - Ontario Drinking Water Quality Standards.

Based on historical lead sampling results, the South Huron water system is exempt from Community Lead Testing and annual samples are no longer required to be taken from plumbing and tested for lead. Exempt status still requires lead samples to be taken every three (3) years in every "winter" and "summer" period. Results must remain below the regulatory limit in order to maintain the exempt status.

The previous lead samples were taken in 2016 and a full regiment of lead samples are required to be taken in 2019. The following are the sampling results for 2017:

| 2017 LEAD SAMPLES |             |             |                 |             |              |             |
|-------------------|-------------|-------------|-----------------|-------------|--------------|-------------|
| FREQUENCY         | RESIDENTIAL | EXCEEDANCES | NON-RESIDENTIAL | EXCEEDANCES | DISTRIBUTION | EXCEEDANCES |
| WINTER            | 0           | 0           | 0               | 0           | 0            | 0           |
| SUMMER            | 0           | 0           | 0               | 0           | 0            | 0           |

**pH AND ALKALINITY TESTING IN DISTRIBUTION**

| SEASON         | DISTRIBUTION | ALKALINITY | pH   |
|----------------|--------------|------------|------|
| WINTER         | 3            | 97         | 7.01 |
| March 28, 2017 |              | 95         | 7.15 |
|                |              | 91         | 7.03 |
| SUMMER         | 3            | 76         | 7.95 |
| Sept 12, 2017  |              | 76         | 8.00 |
|                |              | 81         | 8.27 |

## 2017 Annual Water Distribution System Report to Council

The lead risk is relatively low in the South Huron drinking water system. The former Exeter PUC had removed the remaining lead water services within the road allowance in the early 1990's and the majority of the Stephen water system was originally constructed with PVC and PE pipe. Additional protection was provided 2008 when a corrosion control system was installed at the LHPWSS water treatment plant to adjust the pH of treated water in order to mitigate elevated levels of lead in the City of London drinking water system. To further assist our customers, a subsidy program is available annually on street reconstruction projects, to remove lead services on private property.

## **VI. SUMMARY of WATERMAIN MAIN BREAKS and SERVICE LEAKS**

Watermain breaks and service leaks are an indicator of the overall condition and performance of the water distribution system. Historical main breaks and service leak data is also used to develop priority rankings for future watermain replacements in the Asset Management Plan.

There were an average number of watermain breaks in 2017. The Exeter distribution system continues to have relatively few watermain breaks and service leaks. This is a result of the high standards for materials/workmanship and life cycle replacement program of the former Exeter PUC. The only watermain failure of concern is the main break on the 350mm ductile iron watermain on Main Street near James Street. This will be reviewed in greater detail in 2018 to determine the extent the issue and to develop a remediation or replacement plan, as required.

The Stephen distribution system continues to experience a relatively high number of watermain breaks and service leaks. This due to higher system pressures, lower grade material and substandard construction practices used in the original installation.



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| 2017 WATERMAIN MAIN BREAKS and SERVICE LEAKS |                                 |  |
|--|---------------------------------|--|
| DATE   | Size/Type of Failure            | LOCATION   |
| <b>EXETER</b>                                |                                 |  |
| Jan 6  | 150mm Cast Iron - Ring Break    | 56 Victoria St West                                  |
| March 26                                     | 150mm Cast Iron - Ring Break    | Victoria St / Main St                                |
| April 21                                     | 150mm Cast Iron - Ring Break    | 236 Carling St                                       |
| Aug 29                                       | 350mm Ductile Iron - Corrosion  | Main St at James St                                  |
| Nov 18                                       | 350mm Ductile Iron - Corrosion  | Main St between James and John St                    |
| <b>STEPHEN</b>                               |                                 |  |
| Jan 31                                       | 300mm Ductile Iron - Blow out   | 37200 Crediton Rd (Blackbush Line and Bronson Line ) |
| Feb 22                                       | 150mm PVC - Joint               | Oakwood - Lakeshore and Oakwood Ave                  |
| March 13                                     | 19mm PE - Split pipe            | 36312 Huron St West                                  |
| April 10                                     | 100mm Cast Iron - Ring Break    | Quebec Ave Huron Park                                |
| July 10                                      | 150mm PVC - Service saddle leak | Oakwood - Indian Rd and Oakwood Ave                  |
| July 12                                      | 25mm PE - Split pipe            | 70696 Shipka Line                                    |
| Sept 15                                      | 100mm PVC - Service saddle leak | 36935 Dashwood Rd                                    |
| Sept 20                                      | 19mm PE - Split pipe            | 70829 Corbett Line                                   |
| Nov 1  | 25mm PE - Split pipe            | 69721 Shipka Line                                    |
| Nov 22                                       | 19mm PE - Split pipe            | Dashwood - 124 Philp Street                          |
| Nov 29                                       | 100mm PVC - Hit by contractor   | 36501 Dashwood Rd                                    |
| Dec 7  | 19mm PE - Split pipe            | 70032 Shipka Line                                    |
| Dec 7  | 50mm PVC - Hit by contractor    | 70335 Mollard Line                                   |

**VII. SUMMARY of FROZEN WATER SERVICES**

For twenty years prior to 2014 there were very few recorded frozen water service in Exeter and no records of frozen services could be found for Stephen Township. During the winter of 2014 (January to March) there were eight frozen services, four of which could not be thawed and were back-fed from an adjacent property for the duration of the winter. During the winter of 2015 (January to March) there were eleven frozen services, three of which could not be thawed and were back-fed for the duration of the winter.

As a result of recent history of frozen water services, a plan was implemented to lower services that froze to mitigate the problem in the future. Over the last couple of years water services that froze under the road allowance were lowered or replaced. During the winter of 2017 (January to March) there were no frozen water services.

## **APPENDIX “A”**



**APPENDIX “A”****OWNER REQUIREMENTS UNDER THE SAFE DRINKING WATER ACT****Safe Drinking Water Act, 2002**

S.O. 2002, CHAPTER 32

**Consolidation Period:** From March 22, 2017 to the [e-Laws currency date](#) of February 12, 2018.

Last amendment: 2017, c. 2, Sched. 11, s. 6.

**PART III  
GENERAL REQUIREMENTS****Potable water**

[10.](#) Despite any other Act, a requirement that water be “potable” in any Act, regulation, order or other document issued under the authority of any Act or in a municipal by-law shall be deemed to be a requirement to meet, at a minimum, the requirements of the prescribed drinking water quality standards. 2002, c. 32, s. 10.

**Duties of owners and operating authorities**

[11. \(1\)](#) Every owner of a municipal drinking water system or a regulated non-municipal drinking water system and, if an operating authority is responsible for the operation of the system, the operating authority for the system shall ensure the following:

1. That all water provided by the system to the point where the system is connected to a user’s plumbing system meets the requirements of the prescribed drinking water quality standards.
2. That, at all times in which it is in service, the drinking water system,
  - i. is operated in accordance with the requirements under this Act,
  - ii. is maintained in a fit state of repair, and
  - iii. satisfies the requirements of the standards prescribed for the system or the class of systems to which the system belongs.
3. That the drinking water system is operated by persons having the training or expertise for their operating functions that is required by the regulations and the licence or approval issued or granted for the system under this Act.
4. That all sampling, testing and monitoring requirements under this Act that relate to the drinking water system are complied with.
5. That personnel at the drinking water system are under the supervision of persons having the prescribed qualifications.

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6. That the persons who carry out functions in relation to the drinking water system comply with such reporting requirements as may be prescribed or that are required by the conditions in the licence or approval issued or granted for the system under this Act. 2002, c. 32, s. 11 (1).

**Duty of owner to report to public**

(2) If an owner of a municipal drinking water system or regulated non-municipal drinking water system is required by the regulations to report on any matter to the public, the owner shall report in accordance with the regulations. 2002, c. 32, s. 11 (2).

**Out-of-province drinking water testing service**

(3) No owner or operating authority of a municipal drinking water system or regulated non-municipal drinking water system shall obtain a drinking water testing service from a person who is not licensed under Part VII to offer or provide the service unless,

- (a) the laboratory at which the testing is to be conducted is located outside Ontario and is an eligible laboratory in respect of the particular tests to be conducted;
- (b) the person agrees in writing to comply with section 18 and any prescribed requirements; and
- (c) the owner or operating authority provides to the Director appointed for the purposes of Part VII,
  - (i) written notice of the use of the testing service,
  - (ii) a copy of the accreditation referred to in clause (4) (a), if applicable, and
  - (iii) a copy of the agreement referred to in clause (b). 2002, c. 32, s. 11 (3).

**Eligible laboratory**

(4) For the purposes of this section, a laboratory located outside Ontario is an eligible laboratory in respect of a particular test if the laboratory is on a list maintained by the Director appointed for the purposes of Part VII and,

- (a) the laboratory is accredited for the conduct of the test and, in the Director's opinion, the accreditation is equivalent to the accreditation standard of an accreditation body for drinking water testing under Part VII; or
- (b) in the Director's opinion,
  - (i) it is desirable for the purposes of this Act that the test be available,
  - (ii) there is no laboratory, or there are insufficient laboratories, in the area for the conduct of the test under a licence issued under Part VII, and
  - (iii) the person who is to provide the drinking water testing service will be capable of conducting the test at the laboratory, or causing the test to be conducted there. 2002, c. 32, s. 11 (4).

**List of out-of-province laboratories**

(5) For the purposes of subsection (4), a laboratory may be added to the list maintained by the Director, and may be retained on the list, only if,

- (a) any fee required under this Act has been paid in respect of the laboratory; and
- (b) the laboratory complies with the prescribed requirements. 2002, c. 32, s. 11 (5).



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**Director's direction**

(6) The Director may issue a direction to one or more owners or operating authorities prohibiting them from obtaining drinking water testing services from a laboratory located outside Ontario if the Director has reason to believe that the laboratory has ceased to be an eligible laboratory or has failed to comply with section 18 or a prescribed requirement. 2002, c. 32, s. 11 (6).

**Same**

(7) Every person who receives a direction under subsection (6) shall comply with the direction and advise the Director in writing of the alternative laboratory from which the person will obtain drinking water testing services. 2002, c. 32, s. 11 (7).

**Revocation of direction**

(8) The Director may revoke a direction issued under subsection (6) if he or she is of the opinion that the reasons for issuing the direction no longer exist. 2002, c. 32, s. 11 (8).

**Operator's certificate**

12. (1) No person shall operate a municipal drinking water system or a regulated non-municipal drinking water system unless the person holds a valid operator's certificate issued in accordance with the regulations. 2002, c. 32, s. 12 (1).

**Transitional**

(2) For the purposes of subsection (1), a valid operator's licence issued under section 6 of Ontario Regulation 435/93 under the *Ontario Water Resources Act* shall be deemed to be an operator's certificate until the day the operator's licence expires or is cancelled or suspended. 2002, c. 32, s. 12 (2).

**Same**

(3) For the purposes of subsection (1), a valid operator's licence issued under section 7 or 8 of Ontario Regulation 435/93 under the *Ontario Water Resources Act* shall be deemed to be an operator's certificate until the earlier of,

- (a) the day the operator's licence is cancelled or suspended; and
- (b) the day that is the second anniversary of the day of filing of a regulation made under this Act governing the application and issue of operator's certificates. 2002, c. 32, s. 12 (3).

**Same**

(4) If an operator's licence mentioned in subsection (3) expires before the day described in clause (3) (b) and is not renewed, the licence ceases to be deemed to be an operator's certificate on the day it expires. 2002, c. 32, s. 12 (4).

**Duty to have accredited operating authority**

13. (1) Every owner of a municipal drinking water system shall ensure that an accredited operating authority is in charge of the system at all times on and after the day specified in the regulations for the municipality, the system or the owner of the system. 2002, c. 32, s. 13 (1).

**Same**

(2) If the Minister makes a regulation requiring an accredited operating authority to be in charge of a non-municipal drinking water system, the owner of the system shall ensure that an accredited operating authority is in charge of the system at all times. 2002, c. 32, s. 13 (2).

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**Agreement with accredited operating authority**

**14. (1)** If an accredited operating authority is in charge of a drinking water system and it is not the owner of the system, the accredited operating authority and the owner of the system shall enter into an agreement that contains the following:

1. A description of the system or the parts of the system for which the operating authority is responsible.
2. A description of the respective responsibilities of the owner and the operating authority to ensure that the operation, maintenance, management and alteration of the system comply with this Act, the regulations, any order under this Act and the conditions in,
  - i. the drinking water works permit and the municipal drinking water licence for the system, in the case of a municipal drinking water system, or
  - ii. the approval for the system, in the case of a non-municipal drinking water system.
3. A description of the respective responsibilities of the owner and the accredited operating authority in the event a deficiency is determined to exist or an emergency occurs.
4. A description of the respective responsibilities of the owner and the accredited operating authority to ensure that the operational plans for the system are reviewed and revised appropriately and that both parties are informed of all revisions.
5. Any other provisions required by the regulations. 2002, c. 32, s. 14 (1).

**Delegation of duty**

**(2)** If an owner of a drinking water system enters into an agreement with an accredited operating authority, the owner may, in the agreement, delegate a duty imposed on the owner under this Act to the accredited operating authority. 2002, c. 32, s. 14 (2).

**Exception**

**(3)** A delegation referred to in subsection (2) shall not relieve the owner of the drinking water system from the duty to comply with section 19 or the duty,

- (a) to ensure that the accredited operating authority carries out its duties under this Act and the agreement in a competent and diligent manner while it is in charge of the system; and
- (b) upon discovery that the accredited operating authority is failing to act in accordance with clause (a), to take all reasonable steps to ensure that the operation of the system complies with the requirements under this Act. 2002, c. 32, s. 14 (3).

**Agreement to be made public**

**(4)** The contents of every agreement referred to in subsection (1) between an owner of a drinking water system and an accredited operating authority shall be made public by the owner of the system in accordance with the requirements prescribed by the Minister. 2002, c. 32, s. 14 (4).

**Directions, operational plans**

**15. (1)** The Director shall, on or before the prescribed date, issue directions governing the preparation and content of operational plans for municipal drinking water systems and may issue



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such additional directions as the Director considers necessary for the purposes of this section. 2002, c. 32, s. 15 (1).

**Same**

(2) If the Minister makes a regulation requiring a non-municipal drinking water system or a class of non-municipal drinking water systems to have operational plans, the Director shall, on or before the date prescribed by the Minister, issue directions governing the preparation and content of operational plans for the system or systems. 2002, c. 32, s. 15 (2).

**Same**

(3) The Director may amend, revoke or replace a direction issued under this section. 2002, c. 32, s. 15 (3).

**Content of direction**

(4) The direction shall include,

- (a) minimum content requirements for operational plans;
- (b) rules respecting the retention of copies of versions of operational plans;
- (c) rules respecting the public disclosure of the contents of operational plans; and
- (d) such other requirements as the Director considers necessary for the purposes of this Act and the regulations. 2002, c. 32, s. 15 (4).

**Same**

(5) A direction issued under this section may,

- (a) be general or limited in its application;
- (b) apply in respect of any class of drinking water systems;
- (c) require the preparation of operational plans for a treatment system, a distribution system or any part of either or both of them. 2002, c. 32, s. 15 (5).

**Publication**

(6) A direction, amendment to a direction or revocation of a direction takes effect when a notice of the direction, amendment or revocation, as the case may be, is given in the Registry. 2002, c. 32, s. 15 (6).

**Legislation Act, 2006, Part III**

(7) Part III (Regulations) of the *Legislation Act, 2006* does not apply to a direction issued under this section. 2002, c. 32, s. 15 (7); 2006, c. 21, Sched. F, s. 132 (1).

**Operational plans**

16. (1) If operational plans are required for a drinking water system under this Act, every owner and accredited operational authority of the system shall,

- (a) ensure that the plans comply with such directions issued under section 15 that apply in respect of the system; and
- (b) make public the contents of the operating plans in accordance with the Director's directions. 2002, c. 32, s. 16 (1).

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**Submission of plans, municipal drinking water system**

(2) Every owner of a municipal drinking water system shall provide a copy of all operational plans for the system to the Director on or before the day prescribed by the regulations for the municipality, the system or the owner of the system. 2002, c. 32, s. 16 (2).

**Review of plans**

(3) The Director shall review the operational plans for the municipal drinking water system and shall issue a notice,

- (a) accepting the plans if the Director is satisfied that the plans satisfy the directions; or
- (b) rejecting the plans for the reasons set out in the notice, if the Director is not satisfied that the plans satisfy the directions. 2002, c. 32, s. 16 (3).

**Resubmission of plans**

(4) The owner of a municipal drinking water system whose operational plans are rejected by the Director shall revise and resubmit the revised plans to the Director in accordance with the directions specified in the notice. 2002, c. 32, s. 16 (4).

**Ownership of operational plans**

17. (1) All operational plans for a drinking water system remain the property of the owner of the system, irrespective of who prepares or revises the plans. 2002, c. 32, s. 17 (1).

**Retention of plans**

(2) Every accredited operating authority of a drinking water system for which operational plans are required under this Act shall retain copies of the operational plans for the system in accordance with the Director's directions under section 15. 2002, c. 32, s. 17 (2).

**Same**

(3) Upon termination of an agreement between the owner and the accredited operating authority of a system, the accredited operating authority shall ensure that the owner has copies of the most recently prepared and revised operational plans for the system. 2002, c. 32, s. 17 (3).

**Duty to report adverse test result**

18. (1) Each of the following persons shall report every prescribed adverse result of a drinking water test conducted on any waters from a municipal drinking water system or a regulated non-municipal drinking water system to the Ministry and the medical officer of health immediately after the adverse result is obtained:

1. The operating authority responsible for the system or, if there is no operating authority responsible for the system, the owner of the system.
2. The person operating the laboratory at which the adverse result was obtained. 2002, c. 32, s. 18 (1); 2007, c. 10, Sched. D, s. 3 (6).

**Same**

(2) A report under subsection (1) shall be made in accordance with the regulations. 2002, c. 32, s. 18 (2).

**Duty to report to the owner**

(3) If an operating authority is required to report an adverse test result under subsection (1), the operating authority shall also immediately report the adverse test result to the owner of the system for which the operating authority is responsible. 2007, c. 10, Sched. D, s. 3 (7).



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**Duty of laboratory to report**

(4) Every person operating a laboratory who is required to report an adverse test result under subsection (1) shall also notify the operating authority responsible for the system or, if there is no operating authority responsible for the system, the owner of the system, of every adverse test result relating to the system, immediately after the adverse result is obtained. 2007, c. 10, Sched. D, s. 3 (7).

**Duty to report adverse test result**

18.1 (1) The person operating the laboratory at which an adverse result was obtained shall report every prescribed adverse result of a drinking water test conducted on any waters from a small drinking water system within the meaning of the *Health Protection and Promotion Act* to the Ministry of Health and Long-Term Care and the medical officer of health immediately after the adverse result is obtained. 2007, c. 10, Sched. D, s. 3 (8).

**Same**

(2) A report under subsection (1) shall be made in accordance with the regulations. 2007, c. 10, Sched. D, s. 3 (8).

**Duty of laboratory to report**

(3) Every person operating a laboratory who is required to report an adverse test result under subsection (1) shall also notify the operator responsible for the system or, if there is no operator responsible for the system, the owner of the system, of every adverse test result relating to the system, immediately after the adverse result is obtained. 2007, c. 10, Sched. D, s. 3 (8).

**Standard of care, municipal drinking water system**

19. (1) Each of the persons listed in subsection (2) shall,

- (a) exercise the level of care, diligence and skill in respect of a municipal drinking water system that a reasonably prudent person would be expected to exercise in a similar situation; and
- (b) act honestly, competently and with integrity, with a view to ensuring the protection and safety of the users of the municipal drinking water system. 2002, c. 32, s. 19 (1).

**Same**

(2) The following are the persons listed for the purposes of subsection (1):

- 1. The owner of the municipal drinking water system.
- 2. If the municipal drinking water system is owned by a corporation other than a municipality, every officer and director of the corporation.
- 3. If the system is owned by a municipality, every person who, on behalf of the municipality, oversees the accredited operating authority of the system or exercises decision-making authority over the system. 2002, c. 32, s. 19 (2).

**Offence**

(3) Every person under a duty described in subsection (1) who fails to carry out that duty is guilty of an offence. 2002, c. 32, s. 19 (3).

**Same**

(4) A person may be convicted of an offence under this section in respect of a municipal drinking water system whether or not the owner of the system is prosecuted or convicted. 2002, c. 32, s. 19 (4).

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**Reliance on experts**

(5) A person shall not be considered to have failed to carry out a duty described in subsection (1) in any circumstance in which the person relies in good faith on a report of an engineer, lawyer, accountant or other person whose professional qualifications lend credibility to the report. 2002, c. 32, s. 19 (5).

**Prohibition**

20. (1) No person shall cause or permit any thing to enter a drinking water system if it could result in,

- (a) a drinking water health hazard;
- (b) a contravention of a prescribed standard; or
- (c) interference with the normal operation of the system. 2002, c. 32, s. 20 (1).

**Exception**

(2) Subsection (1) does not apply to prohibit activities that are carried out,

- (a) in the course of the proper operation, maintenance, repair or alteration of a drinking water system; or
- (b) under a statutory authority or for the purposes of complying with a statutory requirement. 2002, c. 32, s. 20 (2).

**Dilution no defence**

(3) For the purposes of prosecuting the offence of contravening subsection (1), it is not necessary to prove that the thing, if it was diluted when or after it entered the system, continued to result in or could have resulted in a drinking water health hazard. 2002, c. 32, s. 20 (3).



## **APPENDIX “B”**

## 2017 Annual Water Distribution System Report to Council

**APPENDIX “B”****DRINKING-WATER-RELATED ACTS AND REGULATIONS**

|   |  |
|---|--|
| Bill 66 Great Lakes Protection Act, 2015  |  |
| Clean Water Act, 2006,<br>S.O. 2006, CHAPTER 22   | <ul style="list-style-type: none"> <li>✓ O. Reg. 287/07 - General</li> <li>✓ O. Reg. 231/07 - Service of Documents</li> <li>✓ O. Reg. 284/07 - Source Protection Areas and Regions</li> <li>✓ O. Reg. 288/07 - Source Protection Committees</li> </ul>   |
| Safe Drinking Water Act, 2002,<br>S.O. 2002, CHAPTER 32                                     | <ul style="list-style-type: none"> <li>✓ O. Reg. 128/04 - Certification Of Drinking Water System Operators And Water Quality Analysts</li> <li>✓ O. Reg. 242/05 - Compliance And Enforcement</li> <li>✓ O. Reg. 172/03 - Definitions Of “Deficiency” and “Municipal Drinking Water System”</li> <li>✓ O. Reg. 171/03 - Definitions Of Words And Expressions Used In The Act</li> <li>✓ O. Reg. 170/03 - Drinking Water Systems</li> <li>✓ O. Reg. 248/03 - Drinking Water Testing Services</li> <li>✓ O. Reg. 453/07 - Financial Plans</li> <li>✓ O. Reg. 188/07 - Licensing Of Municipal Drinking Water Systems</li> <li>✓ O. Reg. 169/03 - Ontario Drinking Water Quality Standards</li> <li>✓ O. Reg. 243/07 - Schools, Private Schools And Day Nurseries</li> <li>✓ O. Reg. 229/07 - Service Of Documents</li> </ul> |
| Ontario Water Resources Act,<br>R.S.O. 1990, CHAPTER O.40                                   | <ul style="list-style-type: none"> <li>✓ O. Reg. 525/98 - Approval Exemptions</li> <li>✓ O. Reg. 450/07 - Charges for Industrial and Commercial Water Users</li> <li>✓ O. Reg. 129/04 - Licensing of Sewage Works Operators</li> <li>✓ O. Reg. 387/04 - Water Taking</li> <li>✓ R.R.O. 1990, Reg. 903 - Wells</li> </ul>   |
| Water Opportunities and Water Conservation Act, 2010<br>S.O. 2010, CHAPTER 19<br>Schedule 1 | <ul style="list-style-type: none"> <li>✓ O. Reg. 40/11 – Water Technology Acceleration Project</li> </ul>  |
| Environmental Bill of Rights, 1993<br>S.O. 1993, CHAPTER 28                                 | <ul style="list-style-type: none"> <li>✓ O. Reg. 73/94 - General</li> <li>✓ O. Reg. 681/94 – Classification of Proposal for</li> </ul>   |

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|  | Instruments  |
|--|--|
| Environmental Protection Act,<br>R.S.O. 1990, CHAPTER E.19                         | ✓ O. Reg. 524/98 - Environmental Compliance Approvals<br>— Exemptions From Section 9 of the Act                      |
| Health Protection and Promotion<br>Act (Ministry of Health and Long-<br>Term Care) | ✓ O. Reg. 318/08 - Transitional – Small Drinking Water<br>Systems<br>✓ O. Reg. 319/08 - Small Drinking Water Systems |
| Development Corporations Act,<br>R.S.O. 1990, CHAPTER D.10                         | ✓ O. Reg. 304/04 – The Walkerton Clean Water Centre  |

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Last Modified: 02/13/2018

## **APPENDIX “C”**



## MUNICIPAL DRINKING WATER LICENCE

**Licence Number: 054-101**

**Issue Number: 2**

Pursuant to the *Safe Drinking Water Act*, 2002, S.O. 2002, c. 32, and the regulations made thereunder and subject to the limitations thereof, this municipal drinking water licence is issued under Part V of the *Safe Drinking Water Act*, 2002, S.O. 2002, c. 32 to:

### **The Corporation of the Municipality of South Huron**

**322 Main Street South  
P.O. Box 759  
Exeter ON, N0M1S6**

For the following municipal residential drinking water system:

### **South Huron Distribution System**

This municipal drinking water licence includes the following:

| <b>Schedule</b> | <b>Description</b>                                 |
|-----------------|--|
| Schedule A      | Drinking Water System Information                  |
| Schedule B      | General Conditions                                 |
| Schedule C      | System-Specific Conditions                         |
| Schedule D      | Conditions for Relief from Regulatory Requirements |

DATED at TORONTO this 19th day of May, 2016

Signature

Indra R. Prashad, P.Eng.  
Director  
Part V, *Safe Drinking Water Act*, 2002

## Schedule A: Drinking Water System Information

|                            |  |
|----------------------------|--|
| System Owner               | The Corporation of the Municipality of South Huron |
| Licence Number             | 054-101  |
| Drinking Water System Name | South Huron Distribution System                    |
| Schedule A Issue Date      | May 19th, 2016                                     |

The following information is applicable to the above drinking water system and forms part of this licence:

### Licence

|                                      |                     |
|--------------------------------------|---------------------|
| Licence Issue Date                   | May 19th, 2016      |
| Licence Expiry Date                  | May 18th, 2021      |
| Application for Licence Renewal Date | November 18th, 2020 |

### Drinking Water Works Permit

| Drinking Water System Name      | Permit Number | Issue Date     |
|---------------------------------|---------------|----------------|
| South Huron Distribution System | 054-201       | May 19th, 2016 |

### Permit To Take Water

| Water Taking Locations | Permit Number  | Issue Date     |
|------------------------|----------------|----------------|
| Not Applicable         | Not Applicable | Not Applicable |

### Financial Plans

|  |          |
|--|----------|
| The Financial Plan Number for the Financial Plan required to be developed for this drinking water system in accordance with O. Reg. 453/07 shall be: | 054-301  |
| Alternately, if one Financial Plan is developed for all drinking water systems owned by the owner, the Financial Plan Number shall be:               | 054-301A |

### Accredited Operating Authority

| Drinking Water System or Operational Subsystems | Accredited Operating Authority | Operational Plan No. | Operating Authority No. |
|---|--------------------------------|----------------------|-------------------------|
| South Huron Water Distribution System           | Municipality of South Huron    | 054-401              | 054-OA1                 |



## Schedule B: General Conditions

|                            |  |
|----------------------------|--|
| System Owner               | The Corporation of the Municipality of South Huron |
| Licence Number             | 054-101  |
| Drinking Water System Name | South Huron Distribution System                    |
| Schedule B Issue Date      | May 19th, 2016                                     |

### 1.0 Definitions

**1.1** Words and phrases not defined in this licence and the associated drinking water works permit shall be given the same meaning as those set out in the SDWA and any regulations made in accordance with that act, unless the context requires otherwise.

**1.2** In this licence and the associated drinking water works permit:

"**adverse effect**", "**contaminant**" and "**natural environment**" shall have the same meanings as in the EPA;

"**alteration**" may include the following in respect of this drinking water system:

- (a) An addition to the system,
- (b) A modification of the system,
- (c) A replacement of part of the system, and
- (d) An extension of the system;

"**compound of concern**" means a contaminant that, based on generally available information, may be emitted from a component of the drinking water system to the atmosphere in a quantity that is significant either in comparison to the relevant point of impingement limit or if a point of impingement limit is not available for the compound, then based on generally available toxicological information, the compound has the potential to cause an adverse effect as defined by the EPA at a point of impingement;

"**Director**" means a Director appointed pursuant to section 6 of the SDWA for the purposes of Part V of the SDWA;

"**drinking water works permit**" means the drinking water works permit for the drinking water system, as identified in Schedule A of this licence and as amended from time to time;

"**emission summary table**" means the table that was prepared by a Professional Engineer in accordance with O. Reg. 419/05 and the procedure document listing the appropriate point of impingement concentrations of each compound of concern emitted from a component of the drinking water system and providing comparison to the corresponding point of impingement limit;

"**EPA**" means the *Environmental Protection Act*, R.S.O. 1990, c. E.19;

"**financial plan**" means the financial plan required by O. Reg. 453/07;

**"licence"** means this municipal drinking water licence for the municipal drinking water system identified in Schedule A of this licence;

**"operational plan"** means an operational plan developed in accordance with the Director's Directions – Minimum Requirements for Operational Plans made under the authority of subsection 15(1) of the SDWA;

**"owner"** means the owner of the drinking water system as identified in Schedule A of this licence;

**"permit to take water"** means the permit to take water that is associated with the taking of water for purposes of the operation of the drinking water system, as identified in Schedule A of this licence and as amended from time to time;

**"point of impingement"** means any point in the natural environment that is not on the same property as the source of the contaminant and as defined by section 2 of O. Reg. 419/05;

**"point of impingement limit"** means the appropriate standard from Schedule 1, 2 or 3 of O. Reg. 419/05 and if a standard is not provided for a compound of concern, the appropriate criteria listed in the Ministry of the Environment and Climate Change publication titled "Summary of Standards and Guidelines to support Ontario Regulation 419: Air Pollution – Local Air Quality (including Schedule 6 of O. Reg. 419 on Upper Risk Thresholds)", dated February 2008, as amended;

**"procedure document"** means the Ministry of the Environment and Climate Change procedure titled "Procedure for Preparing an Emission Summary and Dispersion Modelling Report" dated July 2005, as amended;

**"Professional Engineer"** means a Professional Engineer who has been licensed to practice in the Province of Ontario;

**"provincial officer"** means a provincial officer appointed pursuant to section 8 of the SDWA;

**"publication NPC-300"** means the Ministry of the Environment and Climate Change publication titled "Environmental Noise Guideline: Stationary and Transportation Sources – Approval and Planning" dated August 2013, as amended;

**"SDWA"** means the *Safe Drinking Water Act*, 2002, S.O. 2002, c. 32;



"sensitive populations" means any one or a combination of the following locations where the health effects of nitrogen oxides emissions from emergency generators shall be considered using the point of impingement limit instead of the Ministry of the Environment and Climate Change screening level for emergency generators:

- (a) health care units (e.g., hospitals and nursing homes),
- (b) primary/junior public schools,
- (c) day-care facilities, and
- (d) playgrounds;

"subsystem" has the same meaning as in Ontario Regulation 128/04 (Certification of Drinking Water System Operators and Water Quality Analysts);

"surface water" means water bodies (lakes, wetlands, ponds - including dug-outs), water courses (rivers, streams, water-filled drainage ditches), infiltration trenches, and areas of seasonal wetlands;

## 2.0 Applicability

- 2.1 In addition to any other requirements, the drinking water system identified above shall be established, altered and operated in accordance with the conditions of the drinking water works permit and this licence.

## 3.0 Licence Expiry

- 3.1 This licence expires on the date identified as the licence expiry date in Schedule A of this licence.

## 4.0 Licence Renewal

- 4.1 Any application to renew this licence shall be made on or before the date identified as the application for licence renewal date set out in Schedule A of this licence.

## 5.0 Compliance

- 5.1 The owner and operating authority shall ensure that any person authorized to carry out work on or to operate any aspect of the drinking water system has been informed of the SDWA, all applicable regulations made in accordance with that act, the drinking water works permit and this licence and shall take all reasonable measures to ensure any such person complies with the same.

## 6.0 Licence and Drinking Water Works Permit Availability

- 6.1 At least one copy of this licence and the drinking water works permit shall be stored in such a manner that they are readily viewable by all persons involved in the operation of the drinking water system.

## 7.0 Drinking Water Works Permit

- 7.1 A drinking water works permit identified in Schedule A of this licence is the applicable permit on the date identified as the Schedule A Issue Date.

## 8.0 Financial Plan

- 8.1 For every financial plan prepared in accordance with subsections 2(1) and 3(1) of O. Reg. 453/07, the owner of the drinking water system shall:
- 8.1.1 Ensure that the financial plan contains on the front page of the financial plan, the appropriate financial plan number as set out in Schedule A of this licence; and
  - 8.1.2 Submit a copy of the financial plan to the Ministry of Municipal Affairs and Housing within three (3) months of receiving approval by a resolution of municipal council or the governing body of the owner.

## 9.0 Interpretation

- 9.1 Where there is a conflict between the provisions of this licence and any other document, the following hierarchy shall be used to determine the provision that takes precedence:
- 9.1.1 The SDWA;
  - 9.1.2 A condition imposed in this licence that explicitly overrides a prescribed regulatory requirement;
  - 9.1.3 A condition imposed in the drinking water works permit that explicitly overrides a prescribed regulatory requirement;
  - 9.1.4 Any regulation made under the SDWA;
  - 9.1.5 Any provision of this licence that does not explicitly override a prescribed regulatory requirement;
  - 9.1.6 Any provision of the drinking water works permit that does not explicitly override a prescribed regulatory requirement;
  - 9.1.7 Any application documents listed in this licence, or the drinking water works permit from the most recent to the earliest; and
  - 9.1.8 All other documents listed in this licence, or the drinking water works permit from the most recent to the earliest.
- 9.2 If any requirement of this licence or the drinking water works permit is found to be invalid by a court of competent jurisdiction, the remaining requirements of this licence and the drinking water works permit shall continue to apply.

- 9.3 The issuance of and compliance with the conditions of this licence and the drinking water works permit does not:
- 9.3.1 Relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement, including the *Environmental Assessment Act*, R.S.O. 1990, c. E.18; and
  - 9.3.2 Limit in any way the authority of the appointed Directors and provincial officers of the Ministry of the Environment and Climate Change to require certain steps be taken or to require the owner to furnish any further information related to compliance with the conditions of this licence or the drinking water works permit.
- 9.4 For greater certainty, nothing in this licence or the drinking water works permit shall be read to provide relief from regulatory requirements in accordance with section 46 of the SDWA, except as expressly provided in the licence or the drinking water works permit.

## 10.0 Adverse Effects

- 10.1 Nothing in this licence or the drinking water works permit shall be read as to permit:
- 10.1.1 The discharge of a contaminant into the natural environment that causes or is likely to cause an adverse effect; or
  - 10.1.2 The discharge of any material of any kind into or in any waters or on any shore or bank thereof or into or in any place that may impair the quality of the water of any waters.
- 10.2 All reasonable steps shall be taken to minimize and ameliorate any adverse effect on the natural environment or impairment of the quality of water of any waters resulting from the operation of the drinking water system including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.
- 10.3 Fulfillment of one or more conditions imposed by this licence or the drinking water works permit does not eliminate the requirement to fulfill any other condition of this licence or the drinking water works permit.

## 11.0 Change of Owner or Operating Authority

- 11.1 This licence is not transferable without the prior written consent of the Director.
- 11.2 The owner shall notify the Director in writing at least 30 days prior to a change of any operating authority identified in Schedule A of this licence.
- 11.2.1 Where the change of operating authority is the result of an emergency situation, the owner shall notify the Director in writing of the change as soon as practicable.



## 12.0 Information to be Provided

- 12.1 Any information requested by a Director or a provincial officer concerning the drinking water system and its operation, including but not limited to any records required to be kept by this licence or the drinking water works permit, shall be provided upon request.

## 13.0 Records Retention

- 13.1 Except as otherwise required in this licence or the drinking water works permit, any records required by or created in accordance with this licence or the drinking water works permit, other than the records specifically referenced in section 12 of O. Reg. 170/03, shall be retained for at least 5 years and made available for inspection by a provincial officer, upon request.

## 14.0 Chemicals and Materials

- 14.1 All chemicals and materials used in the alteration or operation of the drinking water system that come into contact with water within the system shall meet all applicable standards set by both the American Water Works Association ("AWWA") and the American National Standards Institute ("ANSI") safety criteria standards NSF/60, NSF/61 and NSF 372.
- 14.1.1 In the event that the standards are updated, the owner may request authorization from the Director to use any on hand chemicals and materials that previously met the applicable standards.
- 14.1.2 The requirement for the owner to comply with NSF 372 shall come into force no later than August 2, 2018.
- 14.2 The most current chemical and material product registration documentation from a testing institution accredited by either the Standards Council of Canada or by the American National Standards Institution ("ANSI") shall be available at all times for each chemical and material used in the operation of the drinking water system that comes into contact with water within the system.
- 14.3 Conditions 14.1 and 14.2 do not apply in the case of the following:
- 14.3.1 Water pipe and pipe fittings meeting AWWA specifications made from ductile iron, cast iron, PVC, fibre and/or steel wire reinforced cement pipe or high density polyethylene (HDPE);
- 14.3.2 Articles made from stainless steel, glass, HDPE or Teflon®;
- 14.3.3 Cement mortar for watermain lining and for water contacting surfaces of concrete structures made from washed aggregates and Portland cement;
- 14.3.4 Gaskets that are made from NSF approved materials;
- 14.3.5 Food grade oils and lubricants, food grade anti-freeze, and other food grade chemicals and materials that are compatible for drinking water use; or

- 14.3.6 Any particular chemical or material where the owner has written documentation signed by the Director that indicates that the Ministry of the Environment and Climate Change is satisfied that the chemical or material is acceptable for use within the drinking water system and the chemical or material is only used as permitted by the documentation.

## 15.0 Drawings

- 15.1 All drawings and diagrams in the possession of the owner that show any treatment subsystem as constructed shall be retained by the owner unless the drawings and diagrams are replaced by a revised or updated version showing the subsystem as constructed subsequent to the alteration.
- 15.2 Any alteration to any treatment subsystem shall be incorporated into process flow diagrams, process and instrumentation diagrams, and record drawings and diagrams within one year of the substantial completion of the alteration.
- 15.3 Process flow diagrams and process and instrumentation diagrams for any treatment subsystem shall be kept in a place, or made available in such a manner, that they may be readily viewed by all persons responsible for all or part of the operation of the drinking water system.

## 16.0 Operations and Maintenance Manual

- 16.1 An up-to-date operations and maintenance manual or manuals shall be maintained and applicable parts of the manual or manuals shall be made available for reference by all persons responsible for all or part of the operation or maintenance of the drinking water system.
- 16.2 The operations and maintenance manual or manuals, shall include at a minimum:
- 16.2.1 The requirements of this licence and associated procedures;
  - 16.2.2 The requirements of the drinking water works permit for the drinking water system;
  - 16.2.3 A description of the processes used to maintain secondary disinfection within the drinking water system.
  - 16.2.4 Procedures for monitoring and recording the in-process parameters necessary for the control of any treatment subsystem and for assessing the performance of the drinking water system;
  - 16.2.5 Procedures for the operation and maintenance of monitoring equipment;
  - 16.2.6 Contingency plans and procedures for the provision of adequate equipment and material to deal with emergencies, upset conditions and equipment breakdown;
  - 16.2.7 Procedures for dealing with complaints related to the drinking water system, including the recording of the nature of the complaint and any investigation and corrective action taken in respect of the complaint;

- 16.3** Procedures necessary for the operation and maintenance of any alterations to the drinking water system shall be incorporated into the operations and maintenance manual or manuals prior to those alterations coming into operation.



## Schedule C: System-Specific Conditions

|                            |  |
|----------------------------|--|
| System Owner               | The Corporation of the Municipality of South Huron |
| Licence Number             | 054-101  |
| Drinking Water System Name | South Huron Distribution System                    |
| Schedule C Issue Date      | May 19th, 2016                                     |

### 1.0 Additional Sampling, Testing and Monitoring

#### Drinking Water Health and Non-Health Related Parameters

- 1.1 For a drinking water system or drinking water subsystem identified in column 1 of Tables 1 and 2 and in addition to any other sampling, testing and monitoring that may be required, sampling, testing and monitoring shall be undertaken for a test parameter listed in column 2 at the sampling frequency listed in column 3 and at the monitoring location listed in column 4 of the same row.

**Table 1: Drinking Water Health Related Parameters**

| Column 1<br>Drinking Water System<br>or Drinking Water<br>Subsystem Name | Column 2<br>Test Parameter | Column 3<br>Sampling Frequency | Column 4<br>Monitoring Location |
|--|----------------------------|--------------------------------|---------------------------------|
| Not Applicable   | Not Applicable             | Not Applicable                 | Not Applicable                  |

**Table 2: Drinking Water Non-Health Related Parameters**

| Column 1<br>Drinking Water System<br>or Drinking Water<br>Subsystem Name | Column 2<br>Test Parameter | Column 3<br>Sampling Frequency | Column 4<br>Monitoring Location |
|--|----------------------------|--------------------------------|---------------------------------|
| Not Applicable   | Not Applicable             | Not Applicable                 | Not Applicable                  |

#### Environmental Discharge Parameters

- 1.2 Pursuant to Condition 10 of Schedule B of this licence, the owner may undertake the following environmental discharges associated with the maintenance and/or repair of the drinking water system:

1.2.1 The discharge of potable water from a watermain to a road or storm sewer;

1.2.2 The discharge of potable water from a water storage facility or pumping station:

1.2.2.1 To a road or storm sewer; or

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- 1.2.2.2 To a watercourse where the discharge has been dechlorinated and if necessary, sediment and erosion control measures have been implemented.
- 1.2.3 The discharge of dechlorinated non-potable water from a watermain, water storage facility or pumping station to a road or storm sewer; and
- 1.2.4 The discharge of potable water or non-potable water from a treatment subsystem to the environment where if necessary, the discharge has been dechlorinated and sediment and erosion control measures have been implemented.

**2.0 Studies Required**

- 2.1 Not Applicable

**3.0 Source Protection**

- 3.1 Not Applicable

## Schedule D: Conditions for Relief from Regulatory Requirements

|                            |  |
|----------------------------|--|
| System Owner               | The Corporation of the Municipality of South Huron |
| Licence Number             | 054-101  |
| Drinking Water System Name | South Huron Distribution System                    |
| Schedule D Issue Date      | May 19th, 2016                                     |

### 1.0 Lead Regulatory Relief

- 1.1 Any relief from regulatory requirements previously authorized by the Director in respect of the drinking water system under section 38 of the SDWA in relation to the sampling, testing or monitoring requirements contained in Schedule 15.1 of O. Reg. 170/03 shall remain in force until such time as Schedule 15.1 of O. Reg. 170/03 is amended after June 1, 2009.

### 2.0 Other Regulatory Relief

- 2.1 Subject to condition 2.2 below, the following provisions of O.Reg 170/03 do not apply to the Exeter water supply system with respect to maintaining minimum free chlorine residual in the distribution system at the locations noted in condition 2.2:

Schedule 16-3(4) & (5) - Reporting Adverse Test Results - secondary disinfection

- 2.2 Conditions in exchange for relief from regulatory requirements:

Point-of-Entry Ultraviolet (UV) Disinfection Systems:

Individual UV disinfection systems at the locations noted below within the Municipality of South Huron:

- 40610 MacDonald Road
- 70623 McTaggart Line
- 71642 McTaggart Line
- 71890 McTaggart Line
- 40507 Huron Street
- 40526 Huron Street
- 40769 Huron Street

## **APPENDIX “D”**



## DRINKING WATER WORKS PERMIT

**Permit Number: 054-201**

**Issue Number: 3**

Pursuant to the *Safe Drinking Water Act*, 2002, S.O. 2002, c. 32, and the regulations made thereunder and subject to the limitations thereof, this drinking water works permit is issued under Part V of the *Safe Drinking Water Act*, 2002, S.O. 2002, c. 32 to:

### The Corporation of the Municipality of South Huron

322 Main Street South  
P.O. Box 759  
Exeter ON, N0M1S6

For the following municipal residential drinking water system:

### South Huron Distribution System

This drinking water works permit includes the following:

| Schedule   | Description   |
|------------|---|
| Schedule A | Drinking Water System Description   |
| Schedule B | General   |
| Schedule C | All documents issued as Schedule C to this drinking water works permit which authorize alterations to the drinking water system |

DATED at TORONTO this 1st day of December, 2016

Signature

Aziz Ahmed, P.Eng.  
Director  
Part V, *Safe Drinking Water Act*, 2002

## Schedule A: Drinking Water System Description

|                            |  |
|----------------------------|--|
| System Owner               | The Corporation of the Municipality of South Huron |
| Permit Number              | 054-201  |
| Drinking Water System Name | South Huron Distribution System                    |
| Schedule A Issue Date      | December 1st, 2016                                 |

### 1.0 System Description

- 1.1 The following is a summary description of the works comprising the above drinking water system:

#### Overview

The Municipality of South Huron obtains its drinking water supply from the Lake Huron Primary Water Supply System (LHPWSS). The LHPWSS Joint Board of Management owns and governs the area water system using the City of London as the Administering Municipality.

The **South Huron Distribution System** services the areas of Exeter, Stephen Ward, Crediton, Centralia, Dashwood and Huron Park and consists of two (2) pumping stations, two (2) storage reservoirs, two (2) elevated storage tanks and approximately 181 kilometers of distribution watermains.



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## Schedule A

December 1st, 2016

## Pumping Stations

## Crediton Booster Pumping Station

|                 |  |
|-----------------|--|
| Location        | 100 Victoria Avenue West, Crediton, ON   |
| UTM Coordinates | NAD 83, Zone 17: 454631 m E, 4794076 m N   |
| Equipment       | Pump No. 1 – Vertical Turbine pump rated 27 L/s at 60.7 m TDH  |
|                 | Pump No. 2 – Vertical Turbine pump rated 27 L/s at 60.7 m TDH  |
|                 | Pump No. 3 – Vertical Turbine pump rated 27 L/s at 60.7 TDH  |
|                 | One (1) online continuous chlorine analyzer  |
|                 | Surge anticipating relief valve, pressure relief valve, pressure indicating transmitters, check valves, gate valves, butterfly valves and associated appurtenances |
| Standby Power   | Stationary Diesel Generator with a rating of 100kW   |
| Notes           | All pumps equipped with variable frequency drives  |

## Storage Reservoirs and Pumping Stations

## MacNaughton Drive Reservoirs and Booster Pumping Station

|                      |  |
|----------------------|--|
| Location             | 62 MacNaughton Drive, Exeter, ON   |
| UTM Coordinates      | NAD 83, Zone 17: 461093 m E, 4800459 m N   |
| Description          | Two single-cell in ground reservoirs and a pumphouse to provide storage and pressure regulation for Exeter   |
| Reservoir Dimensions | Reservoir # 1 – 18.3 m x 18.3 m x 4.1 m with a total Volume of 1136 m <sup>3</sup>   |
|                      | Reservoir # 2 – 24.2 m x 24.2 m x 4.55 m with a total Volume of 2490 m <sup>3</sup>  |
| Equipment            | Pump No. 1 – Vertical Turbine Pump rated 69 L/s at 49.4 m TDH  |
|                      | Pump No. 2 – Vertical Turbine Pump rated at 18 L/s at 65 m TDH   |
|                      | Pump No. 3 – Vertical turbine pump rated at 175 L/s at 65 m TDH  |
|                      | Flow meters, pressure transmitters, level transducers, hydraulically actuated control valves, check valves, gate valves and associated appurtenances |
| Standby Power        | Stationary Diesel Generator with a rating of 350 kW  |
| Notes                | All pumps equipped with variable frequency drives  |

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## Schedule A

December 1st, 2016

## Elevated Storage Tanks

## Exeter Water Tower

|                 |  |
|-----------------|--|
| Location        | 66 Nelson Street, Exeter, ON   |
| UTM Coordinates | NAD 83, Zone 17: 460749 m E, 4800219 m N   |
| Description     | Elevated Storage   |
| Total Volume    | 1515 m <sup>3</sup>  |
| Equipment       | One (1) online continuous chlorine residual analyzer and pressure transmitter  |
| Standby Power   | Stationary natural gas generator with a rating of 20 kW  |
| Notes           | Chlorine Residual Analyzer and standby generator located at adjacent water/sewer operations centre, 82 Nelson Street |

## Huron Park Water Tower

|                 |   |
|-----------------|---|
| Location        | 69751 Airport Line, Huron Park, ON  |
| UTM Coordinates | NAD 83, Zone 17: 459750 m E, 4793446 m N  |
| Description     | Elevated Storage  |
| Total Volume    | 2700 m <sup>3</sup>   |
| Equipment       | Three (3) online continuous chlorine residual analyzers (Pre, Post, Out)<br>Mixing system with circulation pumps, gate valves, check valves, pressure transmitter and associated appurtenances                                  |
| Re-chlorination | Chlorine gas system including two (2) 150 lb tanks on dual weigh scales, automatic closure system, vacuum regulator, automatic switch over unit (3 way valve), chlorine gas detector (air), chlorine gas controller and ejector |
| Standby Power   | Stationary natural gas generator with a rating of 60 kW   |

## Other Subsystem Components

## Exeter Pressure Control Zone Chamber

|                 |   |
|-----------------|---|
| Location        | 30 William Street, Exeter, ON   |
| UTM Coordinates | NAD 83, Zone 17: 460791 m E, 4800468 m N  |
| Description     | Valve chamber houses pressure reducing valve, check valve pressure transmitter and associated appurtenances |
| Notes           |   |

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## Schedule A

December 1st, 2016

**Huron Street Monitoring Chamber**

|                 |  |
|-----------------|--|
| Location        | Huron Street West, Exeter, ON  |
| UTM Coordinates | NAD 83, Zone 17: 460063 m E, 4798921 m N   |
| Description     | Monitoring chamber houses flow meter, chlorine residual analyzer, pressure transducer and associated appurtenances |
| Notes           |  |

**Airport Line Flow Monitoring Chamber**

|                 |   |
|-----------------|---|
| Location        | 69751 Airport Line, Huron Park, ON                                  |
| UTM Coordinates | NAD 83, Zone 17: 459816 m E, 4793449 m N                            |
| Description     | Chamber houses flow meter, gate valves and associated appurtenances |

**Airport Line and Huron Street Control Chamber**

|                 |   |
|-----------------|---|
| Location        | Airport Line, South of Huron Street   |
| UTM Coordinates | NAD 83, Zone 17: 459076 m E, 4798758 m N  |
| Description     | Chamber houses electrically operated monitored valve and associated appurtenances |

**Dashwood Area Control Zone Chamber "A"**

|                 |   |
|-----------------|---|
| Location        | Bronson Line, South of Huron Street   |
| UTM Coordinates | NAD 83, Zone 17: 448827 m E, 4797289 m N  |
| Description     | Chamber houses N/C 200mm gate valve, pressure reducing sustaining valve on 50 mm bypass piping and associated appurtenances |

**Dashwood Area Control Zone Chamber "B"**

|                 |   |
|-----------------|---|
| Location        | 37337 Dashwood Road, west of Village of Dashwood  |
| UTM Coordinates | NAD 83, Zone 17: 447165 m E, 4799237 m N  |
| Description     | Chamber houses N/C 100mm gate valve, pressure reducing sustaining valve on 50 mm bypass piping and associated appurtenances |

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**Schedule A**

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**Dashwood Area Control Zone Chamber "C"**

|                 |   |
|-----------------|---|
| Location        | Goshen Line, South of Huron Street  |
| UTM Coordinates | NAD 83, Zone 17: 450874 m E, 4797628 m N  |
| Description     | Chamber houses N/C 100mm gate valve, 19 mm bleeder bypass piping with flow meter and associated appurtenances |

**Dashwood Area Control Zone Chamber "D"**

|                 |  |
|-----------------|--|
| Location        | Babylon Line, South of Huron Street  |
| UTM Coordinates | NAD 83, Zone 17: 452932 m E, 4797873 m N   |
| Description     | Chamber houses N/C 100mm gate valve, pressure reducing sustaining valve on 50mm bypass piping and associated appurtenances |

**Dashwood Area Control Zone Chamber "E"**

|                 |  |
|-----------------|--|
| Location        | Dashwood Road, West of Shipka Line   |
| UTM Coordinates | NAD 83, Zone 17: 444098 m E, 4798813 m N   |
| Description     | Chamber houses N/C 100mm gate valve, 19mm bleeder bypass piping with flow meter and associated appurtenances |

**Dashwood Area Control Zone Chamber "F"**

|                 |  |
|-----------------|--|
| Location        | Blackbush Line, North of Crediton Road   |
| UTM Coordinates | NAD 83, Zone 17: 447344 m E, 4793187 m N   |
| Description     | Chamber houses N/C 100mm gate valve, 19mm bleeder bypass piping with flow meter and associated appurtenances |



## Watermains

### 1.2 Watermains within the distribution system comprise:

#### 1.2.1 Watermains that have been set out in each document or file identified in column 1 of Table 1.

| Table 1: Watermains               |                   |
|-----------------------------------|-------------------|
| Column 1<br>Document or File Name | Column 2<br>Date  |
| SouthHuron_MOE_Centralia_2015     | October 15, 2015  |
| SouthHuron_MOE_GrandBend_2015     | October 15, 2015  |
| SouthHuron_MOE_Stephentwp_2015    | October 19, 2015  |
| SouthHuron_MOE_Crediton_2015      | November 23, 2015 |
| SouthHuron_MOE_Dashwood_2015      | November 23, 2015 |
| SouthHuron_MOE_ExeterWater_2015   | November 23, 2015 |
| SouthHuron_MOE_HuronPark_2015     | November 23, 2015 |

#### 1.2.2 Watermains that have been added, modified, replaced or extended further to the provisions of Schedule C of this drinking water works permit on or after the date identified in column 2 of Table 1 for each document or file identified in column 1.

#### 1.2.3 Watermains that have been added, modified, replaced or extended further to an authorization by the Director on or after the date identified in column 2 of Table 1 for each document or file identified in column 1.



## Schedule B: General

|                            |  |
|----------------------------|--|
| System Owner               | The Corporation of the Municipality of South Huron |
| Permit Number              | 054-201  |
| Drinking Water System Name | South Huron Distribution System                    |
| Schedule B Issue Date      | December 1st, 2016                                 |

### 1.0 Applicability

- 1.1 In addition to any other requirements, the drinking water system identified above shall be altered and operated in accordance with the conditions of this drinking water works permit and the licence.
- 1.2 The definitions and conditions of the licence shall also apply to this drinking water works permit.

### 2.0 Alterations to the Drinking Water System

- 2.1 Any document issued by the Director as a Schedule C to this drinking water works permit shall provide authority to alter the drinking water system in accordance, where applicable, with the conditions of this drinking water works permit and the licence.
- 2.2 All Schedule C documents issued by the Director for the drinking water system shall form part of this drinking water works permit.
- 2.3 All parts of the drinking water system in contact with drinking water which are:

2.3.1 Added, modified, replaced, extended; or

2.3.2 Taken out of service for inspection, repair or other activities that may lead to contamination,

shall be disinfected before being put into service in accordance with a procedure approved by the Director or in accordance with the applicable provisions of the following documents:

- a) The ministry's Watermain Disinfection Procedure, effective November 19, 2016;
- b) AWWA C652 – Standard for Disinfection of Water-Storage Facilities;
- c) AWWA C653 – Standard for Disinfection of Water Treatment Plants; and
- d) AWWA C654 – Standard for Disinfection of Wells.

- 2.4 The owner shall notify the Director within thirty (30) days of the placing into service or the completion of any addition, modification, replacement or extension of the drinking water system which had been authorized through:

- 2.4.1 Schedule B to this drinking water works permit which would require an alteration of the description of a drinking water system component described in Schedule A of this drinking water works permit;

- 2.4.2 Any Schedule C to this drinking water works permit respecting works other than watermain; or
- 2.4.3 Any approval issued prior to the issue date of the first drinking water works permit respecting works other than watermain which were not in service at the time of the issuance of the first drinking water works permit.
- 2.5 For greater certainty, the notification requirements set out in condition 2.4 do not apply to any addition, modification, replacement or extension in respect of the drinking water system which:
  - 2.5.1 Is exempt from subsection 31(1) of the SDWA by subsection 9.(2) of O. Reg. 170/03;
  - 2.5.2 Constitutes maintenance or repair of the drinking water system; or
  - 2.5.3 Is a watermain authorized by condition 3.1 of Schedule B of this drinking water works permit.
- 2.6 The owner shall notify the legal owner of any part of the drinking water system that is prescribed as a municipal drinking water system by section 2 of O. Reg. 172/03 of the requirements of the licence and this drinking water works permit as applicable to the prescribed system.
- 2.7 For greater certainty, any alteration to the drinking water system made in accordance with this drinking water works permit may only be carried out after other legal obligations have been complied with including those arising from the *Environmental Assessment Act*, *Niagara Escarpment Planning and Development Act*, *Oak Ridges Moraine Conservation Act, 2001* and *Greenbelt Act, 2005*.

### 3.0 Watermain Additions, Modifications, Replacements and Extensions

- 3.1 The drinking water system may be altered by adding, modifying, replacing or extending a watermain within the distribution system subject to the following conditions:
  - 3.1.1 The design of the watermain addition, modification, replacement or extension:
    - a) Has been prepared by a Professional Engineer;
    - b) Has been designed only to transmit water and has not been designed to treat water;
    - c) Satisfies the design criteria set out in the Ministry of the Environment and Climate Change publication "Watermain Design Criteria for Future Alterations Authorized under a Drinking Water Works Permit – June 2012", as amended from time to time; and
    - d) Is consistent with or otherwise addresses the design objectives contained within the Ministry of the Environment and Climate Change publication "Design Guidelines for Drinking Water Systems, 2008", as amended from time to time.

- 3.1.2 The maximum demand for water exerted by consumers who are serviced by the addition, modification, replacement or extension of the watermain will not result in an exceedance of the rated capacity of a treatment subsystem or the maximum flow rate for a treatment subsystem component as specified in the licence, or the creation of adverse conditions within the drinking water system.
- 3.1.3 The watermain addition, modification, replacement or extension will not adversely affect the distribution system's ability to maintain a minimum pressure of 140 kPa at ground level at all points in the distribution system under maximum day demand plus fire flow conditions.
- 3.1.4 Secondary disinfection will be provided to water within the added, modified, replaced or extended watermain to meet the requirements of O. Reg. 170/03.
- 3.1.5 The watermain addition, modification, replacement or extension is wholly located within the municipal boundary over which the owner has jurisdiction.
- 3.1.6 The owner of the drinking water system consents in writing to the watermain addition, modification, replacement or extension.
- 3.1.7 A Professional Engineer has verified in writing that the watermain addition, modification, replacement or extension meets the requirements of condition 3.1.1.
- 3.1.8 The owner of the drinking water system has verified in writing that the watermain addition, modification, replacement or extension meets the requirements of conditions 3.1.2 to 3.1.6.
- 3.2 The authorization for the addition, modification, replacement or extension of a watermain provided for in condition 3.1 does not include the addition, modification, replacement or extension of a watermain that:
  - 3.2.1 Passes under or through a body of surface water, unless trenchless construction methods are used;
  - 3.2.2 Has a nominal diameter greater than 750 mm;
  - 3.2.3 Results in the fragmentation of the drinking water system; or
  - 3.2.4 Connects to another drinking water system, unless:
    - a) Prior to construction, the owner of the drinking water system seeking the connection obtains written consent from the owner or owner's delegate of the drinking water system being connected to; and
    - b) The owner of the drinking water system seeking the connection retains a copy of the written consent from the owner or owner's delegate of the drinking water system being connected to as part of the record that is recorded and retained under condition 3.3.



- 3.3 The verifications required in conditions 3.1.7 and 3.1.8 shall be:
- 3.3.1 Recorded on "Form 1 – Record of Watermains Authorized as a Future Alteration", as published by the Ministry of the Environment and Climate Change, prior to the watermain addition, modification, replacement or extension being placed into service; and
  - 3.3.2 Retained for a period of ten (10) years by the owner.
- 3.4 For greater certainty, the verification requirements set out in condition 3.3 do not apply to any addition, modification, replacement or extension in respect of the drinking water system which:
- 3.4.1 Is exempt from subsection 31(1) of the SDWA by subsection 9.(2) of O. Reg. 170/03; or
  - 3.4.2 Constitutes maintenance or repair of the drinking water system.
- 3.5 The document or file referenced in Column 1 of Table 1 of Schedule A of this drinking water works permit that sets out watermains shall be retained by the owner and shall be updated to include watermain additions, modifications, replacements and extensions within 12 months of the addition, modification, replacement or extension.
- 3.6 The updates required by condition 3.5 shall include watermain location relative to named streets or easements and watermain diameter.

#### 4.0 Minor Modifications to the Drinking Water System

- 4.1 The drinking water system may be altered by adding, modifying or replacing the following components in the drinking water system:
- 4.1.1 Raw water pumps and treatment process pumps in the treatment system;
  - 4.1.2 Coagulant feed systems in the treatment system, including the location and number of dosing points;
  - 4.1.3 Valves;
  - 4.1.4 Instrumentation and controls, including SCADA systems, and software associated with these devices;
  - 4.1.5 Filter media, backwashing equipment and under-drains in the treatment system; or,
  - 4.1.6 Spill containment works.
- 4.2 The drinking water system may be altered by adding, modifying, replacing or removing the following components in the drinking water system:
- 4.2.1 Treated water pumps and associated equipment;
  - 4.2.2 Re-circulation devices within distribution system storage facilities;

- 4.2.3 In-line mixing equipment;
  - 4.2.4 Chemical metering pumps and chemical handling pumps;
  - 4.2.5 Chemical storage tanks (excluding fuel storage tanks) and associated equipment; or,
  - 4.2.6 Measuring and monitoring devices that are not required by regulation, by a condition in the Drinking Water Works Permit, or by a condition otherwise imposed by the Ministry of the Environment and Climate Change.
- 4.3 The drinking water system may be altered by replacing the following:
- 4.3.1 Raw water piping, treatment process piping or treated water piping within the treatment subsystem;
  - 4.3.2 Fuel storage tanks and spill containment works, and associated equipment; or
  - 4.3.3 Coagulants and pH adjustment chemicals, where the replacement chemicals perform the same function;
    - a) Prior to making any alteration to the drinking water system under condition 4.3.3, the owner shall undertake a review of the impacts that the alteration might have on corrosion control or other treatment processes; and
    - b) The owner shall notify the Director in writing within thirty (30) days of any alteration made under condition 4.3.3 and shall provide the Director with a copy of the review.
- 4.4 Any alteration of the drinking water system made under conditions 4.1, 4.2 or 4.3 shall not result in:
- 4.4.1 An exceedance of a treatment subsystem rated capacity or a treatment subsystem component maximum flow rate as specified in the licence;
  - 4.4.2 The bypassing of any unit process within a treatment subsystem;
  - 4.4.3 A deterioration in the quality of drinking water provided to consumers;
  - 4.4.4 A reduction in the reliability or redundancy of any component of the drinking water system;
  - 4.4.5 A negative impact on the ability to undertake compliance and other monitoring necessary for the operation of the drinking water system; or
  - 4.4.6 An adverse effect on the environment.
- 4.5 The owner shall verify in writing that any addition, modification, replacement or removal of drinking water system components in accordance with conditions 4.1, 4.2 or 4.3 has met the requirements of the conditions listed in condition 4.4.



- 4.6 The verifications and documentation required in condition 4.5 shall be:
- 4.6.1 Recorded on "Form 2 – Record of Minor Modifications or Replacements to the Drinking Water System", as published by the Ministry of the Environment and Climate Change, prior to the modified or replaced components being placed into service; and
  - 4.6.2 Retained for a period of ten (10) years by the owner.
- 4.7 For greater certainty, the verification requirements set out in conditions 4.5 and 4.6 do not apply to any addition, modification, replacement or removal in respect of the drinking water system which:
- 4.7.1 Is exempt from subsection 31(1) of the SDWA by subsection 9.(2) of O. Reg. 170/03; or
  - 4.7.2 Constitutes maintenance or repair of the drinking water system.
- 4.8 The owner shall update any drawings maintained for the drinking water system to reflect the modification or replacement of the works, where applicable.

## 5.0 Equipment with Emissions to the Air

- 5.1 The drinking water system may be altered by adding, modifying or replacing any of the following drinking water system components that may discharge or alter the rate or manner of a discharge of a compound of concern to the atmosphere:
- 5.1.1 Any equipment, apparatus, mechanism or thing that is used for the transfer of outdoor air into a building or structure that is not a cooling tower;
  - 5.1.2 Any equipment, apparatus, mechanism or thing that is used for the transfer of indoor air out of a space used for the production, processing, repair, maintenance or storage of goods or materials, including chemical storage;
  - 5.1.3 Laboratory fume hoods used for drinking water testing, quality control and quality assurance purposes;
  - 5.1.4 Low temperature handling of compounds with a vapor pressure of less than 1 kilopascal;
  - 5.1.5 Maintenance welding stations;
  - 5.1.6 Minor painting operations used for maintenance purposes;
  - 5.1.7 Parts washers for maintenance shops;
  - 5.1.8 Emergency chlorine and ammonia gas scrubbers and absorbers;
  - 5.1.9 Venting for activated carbon units for drinking water taste and odour control;
  - 5.1.10 Venting for a stripping unit for methane removal from a groundwater supply;

- 5.1.11 Venting for an ozone treatment unit;
  - 5.1.12 Natural gas or propane fired boilers, water heaters, space heaters and make-up air units with a total facility-wide heat input rating of less than 20 million kilojoules per hour, and with an individual fuel energy input of less than or equal to 10.5 gigajoules per hour; or
  - 5.1.13 Emergency generators that fire No. 2 fuel oil (diesel fuel) with a sulphur content of 0.5 per cent or less measured by weight, natural gas, propane, gasoline or biofuel, and that are used for emergency duty only with periodic testing.
- 5.2 The owner shall not add, modify or replace a drinking water system component set out in condition 5.1 for an activity that is not directly related to the treatment and/or distribution of drinking water.
- 5.3 The emergency generators identified in condition 5.1.13 shall not be used for non-emergency purposes including the generation of electricity for sale or for peak shaving purposes.
- 5.4 The owner shall prepare an emission summary table for nitrogen oxide emissions only, for each addition, modification or replacement of emergency generators identified in condition 5.1.13.

#### Performance Limits

- 5.5 The owner shall ensure that a drinking water system component identified in conditions 5.1.1 to 5.1.13 is operated at all times to comply with the following limits:
- 5.5.1 For equipment other than emergency generators, the maximum concentration of any compound of concern at a point of impingement shall not exceed the corresponding point of impingement limit;
  - 5.5.2 For emergency generators, the maximum concentration of nitrogen oxides at sensitive populations shall not exceed the applicable point of impingement limit, and at non-sensitive populations shall not exceed the Ministry of the Environment and Climate Change half-hourly screening level of 1880 ug/m<sup>3</sup> as amended; and
  - 5.5.3 The noise emissions comply at all times with the limits set out in publication NPC-300, as applicable.
- 5.6 The owner shall verify in writing that any addition, modification or replacement of works in accordance with condition 5.1 has met the requirements of the conditions listed in condition 5.5.
- 5.7 The owner shall document how compliance with the performance limits outlined in condition 5.5.3 is being achieved, through noise abatement equipment and/or operational procedures.

- 5.8 The verifications and documentation required in conditions 5.6 and 5.7 shall be:
- 5.8.1 Recorded on "Form 3 – Record of Addition, Modification or Replacement of Equipment Discharging a Contaminant of Concern to the Atmosphere", as published by the Ministry of the Environment and Climate Change, prior to the additional, modified or replacement equipment being placed into service; and
  - 5.8.2 Retained for a period of ten (10) years by the owner.
- 5.9 For greater certainty, the verification and documentation requirements set out in conditions 5.6 and 5.8 do not apply to any addition, modification or replacement in respect of the drinking water system which:
- 5.9.1 Is exempt from subsection 31(1) of the SDWA by subsection 9.(2) of O. Reg. 170/03; or
  - 5.9.2 Constitutes maintenance or repair of the drinking water system.
- 5.10 The owner shall update any drawings maintained for the works to reflect the addition, modification or replacement of the works, where applicable.

## 6.0 Previously Approved Works

- 6.1 The owner may add, modify, replace or extend, and operate part of a municipal drinking water system if:
- 6.1.1 An approval was issued after January 1, 2004 under section 36 of the SDWA in respect of the addition, modification, replacement or extension and operation of that part of the municipal drinking water system;
  - 6.1.2 The approval expired by virtue of subsection 36(4) of the SDWA; and
  - 6.1.3 The addition, modification, replacement or extension commenced within five years of the date that activity was approved by the expired approval.

## 7.0 System-Specific Conditions

- 7.1 Not Applicable

## 8.0 Source Protection

- 8.1 Not Applicable

## **APPENDIX “E”**





# *Certificate of Registration*

This certifies that the Quality Management System of

## **The Corporation Of The Municipality Of South Huron**

322 Main Street South

P.O. Box 759

Exeter, Ontario, N0M 1S6, Canada

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

## **Ontario's Drinking Water Quality Management Standard**

### **Scope of Registration:**

South Huron Distribution System, 054-OA1, Entire Full Scope Accreditation



Certificate Number: C0122376-DWQ6  
 Certificate Issue Date: 03-NOV-2017  
 Registration Date: 26-OCT-2017  
 Expiration Date \*: 25-OCT-2020

Carl Blazik,  
 Director, Technical  
 Operations & Business Units,  
 NSF-ISR, Ltd.

**NSF International Strategic Registrations**

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | [www.nsf-ISR.org](http://www.nsf-ISR.org)

Authorized Registration and /or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request.  
 \*Company is audited for conformance at regular intervals. To verify registrations call (888) NSF-9000 or visit our web site at [www.nsf-ISR.org](http://www.nsf-ISR.org)



## **APPENDIX “F”**



OPTIONAL ANNUAL REPORT TEMPLATE

|                                 |                                 |
|---------------------------------|---------------------------------|
| Drinking-Water System Number:   | 220001520                       |
| Drinking-Water System Name:     | SOUTH HURON DISTRIBUTION SYSTEM |
| Drinking-Water System Owner:    | MUNICIPALITY OF SOUTH HURON     |
| Drinking-Water System Category: | LARGE RESIDENTIAL               |
| Period being reported:          | 2017/01/01 – 2017/12/31         |

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [ ] No [ X ]

Is your annual report available to the public at no charge on a web site on the Internet? Yes [ X ] No [ ]

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

OFFICE  
INTERNET  
LIBRARY

Complete for all other Categories.

Number of Designated Facilities served:

Did you provide a copy of your annual report to all Designated Facilities you serve?

Yes [ ] No [ ]

Number of Interested Authorities you report to:

Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?

Yes [ ] No [ ]

Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

| Drinking Water System Name | Drinking Water System Number |
|----------------------------|------------------------------|
|                            |                              |

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes [ ] No [ ] NA [ X ]



Indicate how you notified system users that your annual report is available, and is free of charge.

- ☒ Public access/notice via the web  
☒ Public access/notice via Government Office  
☒ Public access/notice via a newspaper  
☒ Public access/notice via Public Request  
☒ Public access/notice via a Public Library  
☒ Public access/notice via other method (Social Media, Facebook, Twitter)\_\_\_\_\_

Describe your Drinking-Water System

LARGE MUNICIPAL RESIDENTIAL DISTRIBUTION CLASS III  
 SURFACE WATER SUPPLIED FROM LAKE HURON PRIMARY WATER  
 SUPPLY SYSTEM (LHPWSS)

List all water treatment chemicals used over this reporting period

CHLORINE

Were any significant expenses incurred to?

- ☐ Install required equipment  
☒ Repair required equipment  
☒ Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

1. John Street East (Main to Albert) watermain replacement - top asphalt: \$8,357
2. James Street East (Main to Albert) watermain replacement: \$143,187
3. Simcoe Street (Andrew to Main) watermain replacement: \$106,597
4. William Street (Anne to Huron) watermain replacement: \$161,173
5. Dashwood Road (Hwy#21-Shipka Line) watermain replacement: \$394,186
6. Exeter Water Tower upgrades (mixing system & controls): \$176,010
7. Exeter Water Tower Control Valve: \$45,371
8. Engineering for Huron Street East (Edward to Eastern) watermain replacement: \$9,977
9. Engineering for Dashwood Road (Shipka to Bronson) watermain replacement: \$22,178
10. Engineering for Shipka Line (South Rd to Kirkton) watermain replacement: \$19,399
11. Engineering for Huron Street and McTaggart Line watermain replacement: \$12,828
12. Replacement of Drive on pump #2 at Mc Naughton Reservoir : \$ 6,500
13. Preventive maintenance of critical control valves : \$ 6,300
14. New Fire Hydrant installation in Crediton : \$ 9,000

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

| Incident Date | Parameter | Result | Unit of Measure | Corrective Action | Corrective Action Date |
|---------------|-----------|--------|-----------------|-------------------|------------------------|
|---------------|-----------|--------|-----------------|-------------------|------------------------|



|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

|              | Number of Samples | Range of E.Coli Or Fecal Results (min #)-(max #) | Range of Total Coliform Results (min #)-(max #) | Number of HPC Samples | Range of HPC Results (min #)-(max #) |
|--------------|-------------------|--|---|-----------------------|--------------------------------------|
| Raw          | N/A               |  |   |                       |                                      |
| Treated      | N/A               |  |   |                       |                                      |
| Distribution | 524               | 0  | 0   | 159                   | <10-530                              |

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

|   | Number of Grab Samples | Range of Results (min #)-(max #) | Unit of Measure | <b>NOTE:</b> For continuous monitors use 8760 as the number of samples. |
|---|------------------------|----------------------------------|-----------------|---|
| Turbidity                                   | N/A                    |                                  |                 |   |
| Chlorine                                    | 8760                   | 0.21 – 3.09                      | MG/L FREE       |   |
| Fluoride (If the DWS provides fluoridation) | N/A                    |                                  |                 |   |

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

| Date of legal instrument issued | Parameter | Date Sampled | Result | Unit of Measure |
|---------------------------------|-----------|--------------|--------|-----------------|
|                                 |           |              |        |                 |
|                                 |           |              |        |                 |

Summary of Inorganic parameters tested during this reporting period or the most recent sample results

| Parameter | Sample Date | Result Value | Unit of Measure | Exceedance |
|-----------|-------------|--------------|-----------------|------------|
| Antimony  |             |              |                 |            |
| Arsenic   |             |              |                 |            |
| Barium    |             |              |                 |            |
| Boron     |             |              |                 |            |
| Cadmium   |             |              |                 |            |
| Chromium  |             |              |                 |            |
| *Lead     |             |              |                 |            |
| Mercury   |             |              |                 |            |
| Selenium  |             |              |                 |            |
| Sodium    |             |              |                 |            |
| Uranium   |             |              |                 |            |





|          |  |  |  |  |
|----------|--|--|--|--|
| Fluoride |  |  |  |  |
| Nitrite  |  |  |  |  |
| Nitrate  |  |  |  |  |

\*only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

## Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

| Location Type | Number of Samples | Range of Lead Results (min#) – (max #) | Unit of Measure | Number of Exceedances |
|---------------|-------------------|--|-----------------|-----------------------|
| Plumbing      |                   |  | ug/L            | 0                     |
| Distribution  |                   |  | ug/L            | 0                     |

## Summary of Organic parameters sampled during this reporting period or the most recent sample results

| Parameter   | Sample Date | Result Value | Unit of Measure | Exceedance |
|---|-------------|--------------|-----------------|------------|
| Alachlor  |             |              |                 |            |
| Aldicarb  |             |              |                 |            |
| Aldrin + Dieldrin                                   |             |              |                 |            |
| Atrazine + N-dealkylated metabolites                |             |              |                 |            |
| Azinphos-methyl                                     |             |              |                 |            |
| Bendiocarb  |             |              |                 |            |
| Benzene   |             |              |                 |            |
| Benzo(a)pyrene                                      |             |              |                 |            |
| Bromoxynil  |             |              |                 |            |
| Carbaryl  |             |              |                 |            |
| Carbofuran  |             |              |                 |            |
| Carbon Tetrachloride                                |             |              |                 |            |
| Chlordane (Total)                                   |             |              |                 |            |
| Chlorpyrifos  |             |              |                 |            |
| Cyanazine   |             |              |                 |            |
| Diazinon  |             |              |                 |            |
| Dicamba   |             |              |                 |            |
| 1,2-Dichlorobenzene                                 |             |              |                 |            |
| 1,4-Dichlorobenzene                                 |             |              |                 |            |
| Dichlorodiphenyltrichloroethane (DDT) + metabolites |             |              |                 |            |
| 1,2-Dichloroethane                                  |             |              |                 |            |
| 1,1-Dichloroethylene (vinylidene chloride)          |             |              |                 |            |
| Dichloromethane                                     |             |              |                 |            |
| 2,4-Dichlorophenol                                  |             |              |                 |            |
| 2,4-Dichlorophenoxy acetic acid (2,4-D)             |             |              |                 |            |





|  |          |       |      |  |
|--|----------|-------|------|--|
| Diclofop-methyl                              |          |       |      |  |
| Dimethoate                                   |          |       |      |  |
| Dinoseb                                      |          |       |      |  |
| Diquat                                       |          |       |      |  |
| Diuron                                       |          |       |      |  |
| Glyphosate                                   |          |       |      |  |
| Heptachlor + Heptachlor Epoxide              |          |       |      |  |
| Lindane (Total)                              |          |       |      |  |
| Malathion                                    |          |       |      |  |
| Methoxychlor                                 |          |       |      |  |
| Metolachlor                                  |          |       |      |  |
| Metribuzin                                   |          |       |      |  |
| Monochlorobenzene                            |          |       |      |  |
| Paraquat                                     |          |       |      |  |
| Parathion                                    |          |       |      |  |
| Pentachlorophenol                            |          |       |      |  |
| Phorate                                      |          |       |      |  |
| Picloram                                     |          |       |      |  |
| Polychlorinated Biphenyls(PCB)               |          |       |      |  |
| Prometryne                                   |          |       |      |  |
| Simazine                                     |          |       |      |  |
| THM (NOTE: show latest annual average)       | SEE NOTE | 35.25 | ug/L |  |
| Temephos                                     |          |       |      |  |
| Terbufos                                     |          |       |      |  |
| Tetrachloroethylene                          |          |       |      |  |
| 2,3,4,6-Tetrachlorophenol                    |          |       |      |  |
| Triallate                                    |          |       |      |  |
| Trichloroethylene                            |          |       |      |  |
| 2,4,6-Trichlorophenol                        |          |       |      |  |
| 2,4,5-Trichlorophenoxy acetic acid (2,4,5-T) |          |       |      |  |
| Trifluralin                                  |          |       |      |  |
| Vinyl Chloride                               |          |       |      |  |

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

| Parameter | Result Value | Unit of Measure | Date of Sample |
|-----------|--------------|-----------------|----------------|
|           |              |                 |                |
|           |              |                 |                |

NOTE: FEB 7 - 24  
MAY 17 - 33  
AUG 18 - 47  
NOV 15 37  
141 / 4 = 35.25 ug/L



## Staff Report

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**Report To:** Dan Best, Chief Administrative Officer  
**From:** **Don Giberson, Environmental Services Director**  
**Date:** March 5 2018  
**Report:** ESD.18.03  
**Subject:** 2017 Drinking Water System Annual Compliance Report to the Ministry of the Environment and Climate Change

---

### Recommendations:

**That** South Huron Council receive the report from Don Giberson, ESD Director RE: 2017 Drinking Water System Annual Compliance Report to the Ministry of the Environment and Climate Change

### Purpose:

The purpose of this report is to notify Council of regulatory compliance with respect to the South Huron drinking water system.

### Background and Analysis:

The *Ontario Drinking Water Systems Regulation O. Reg. 170/03* requires that an annual report be prepared for the preceding calendar year prior to February 28<sup>th</sup> for every registered Drinking Water System. The owner of a drinking water system shall ensure that a copy of the annual report be made readily available to the public and to every person who requests a copy. However, it is no longer a regulatory requirement to submit this report to the Ministry of the Environment and Climate Change (MOECC).

This annual report is required to include the following information, for the period covered by the report:

- (a) a description of the drinking water system, including a list of water treatment chemicals used;
- (b) a summary of any reports made to the MOECC;
- (c) a summary of the results of tests required under Regulation 170/03, or under an approval, municipal drinking water license, or order, including an OWRA order;
- (d) a description of any corrective actions taken;
- (e) a description of major expenses incurred to install, repair or replace required equipment; and
- (f) a statement of where the report will be available to be viewed.

The 2017 MOECC Annual Drinking Water System Report was prepared for the South Huron Water Distribution System and forwarded by email to the MOECC, Sarnia and Windsor District Office on February 14, 2018.

A copy of the 2017 MOECC Annual Drinking Water System Report has been posted on the municipal web site; a copy has been made available to the public in the South Huron Public Library and at the front counter at the Municipal Office, 322 Main Street South, Exeter. Notification has also been published in the HUB and communicated on social media via Facebook and Twitter.

### **Operational Considerations:**

As this report is being presented for information purposes only, no alternatives are presented.

### **South Huron's Strategic Plan:**

Section 6.2.2 of the Municipality of South Huron 2015- 2019 Strategic Plan identifies key objectives that are reflective of the collective perspectives of the strategic planning process.

The recommendations and actions outlined in this report are reflective of the following strategic objectives:

#### Administrative Efficiency and Fiscal Responsibility

Informing Council of regulatory compliance, reduces liability and results in efficient use of time/resources.

#### Increased Communications and Municipal Leadership

Communicating information to Council related to drinking water, keeps Members of Council informed and assists in making informed decisions, resulting in good stewardship of the South Huron Drinking Water System.

Reports to Council and associated Media reporting, assists to keep the public informed of the performance of the Drinking Water System.

#### Transparent, Accountable and Collaborative Governance

Public reporting of the Drinking Water System Annual Compliance Report, demonstrates commitment to transparent, accountable and collaborative governance.

#### Dedicated Economic Development Effort

Informing Council of regulatory compliance results in increased public confidence; retention/attraction of businesses and economic development opportunities.

### **Financial Impact:**

There are no financial implications for the Corporation resulting from the proposed recommendation.

### **Legal Impact:**

There are no legal implications for the Corporation resulting from the proposed recommendation.

### **Staffing Impact:**

There are no staffing implications for the Corporation resulting from the proposed recommendation.

### **Policies/Legislation:**

1. Ontario Water Resources Act, R.S.O. 1990, c. O.40
2. Safe Drinking Water Act, 2002, S.O. 2002, c. 32
3. Clean Water Act, 2006, SO 2006, c 22
4. Ontario Regulation 170/03 - Drinking Water Systems
5. Ontario Regulation 188/07 - Licensing of Municipal Drinking Water Systems

### **Consultation:**

Shawn Young, Water/Sewer Foreman and Drinking Water System "Over-All-Responsible Operator" compiled the information and submitted the report to the Ministry.

**Related Documents:**

2017 Drinking Water System Annual Compliance Report to the Ministry of the Environment and Climate Change

Respectfully submitted,

A handwritten signature in black ink, enclosed within a faint rectangular border. The signature is stylized, with a large, loopy initial 'D' and 'G' followed by several vertical strokes and a long, sweeping horizontal line at the bottom.

---

**Don Giberson, Environmental Services Director**





OPTIONAL ANNUAL REPORT TEMPLATE

|                                 |                                 |
|---------------------------------|---------------------------------|
| Drinking-Water System Number:   | 220001520                       |
| Drinking-Water System Name:     | SOUTH HURON DISTRIBUTION SYSTEM |
| Drinking-Water System Owner:    | MUNICIPALITY OF SOUTH HURON     |
| Drinking-Water System Category: | LARGE RESIDENTIAL               |
| Period being reported:          | 2017/01/01 – 2017/12/31         |

|  |   |
|--|---|
| <p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [ ] No [ X ]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [ X ] No [ ]</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px; min-height: 100px;"> <p>OFFICE</p> <p>INTERNET</p> <p>LIBRARY</p> </div> | <p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ ] No [ ]</p> <p>Number of Interested Authorities you report to: <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [ ] No [ ]</p> |
|--|---|

**Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report**

**List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:**

| Drinking Water System Name | Drinking Water System Number |
|----------------------------|------------------------------|
|                            |                              |

**Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?**  
Yes [ ] No [ ] NA [X ]



Indicate how you notified system users that your annual report is available, and is free of charge.

- ☒ Public access/notice via the web  
☒ Public access/notice via Government Office  
☒ Public access/notice via a newspaper  
☒ Public access/notice via Public Request  
☒ Public access/notice via a Public Library  
☒ Public access/notice via other method (Social Media, Facebook, Twitter)\_\_\_\_\_

## Describe your Drinking-Water System

**LARGE MUNICIPAL RESIDENTIAL DISTRIBUTION CLASS III  
SURFACE WATER SUPPLIED FROM LAKE HURON PRIMARY WATER  
SUPPLY SYSTEM (LHPWSS)**

## List all water treatment chemicals used over this reporting period

**CHLORINE**

## Were any significant expenses incurred to?

- ☐ Install required equipment  
☒ Repair required equipment  
☒ Replace required equipment

## Please provide a brief description and a breakdown of monetary expenses incurred

1. John Street East (Main to Albert) watermain replacement - top asphalt: \$8,357
2. James Street East (Main to Albert) watermain replacement: \$143,187
3. Simcoe Street (Andrew to Main) watermain replacement: \$106,597
4. William Street (Anne to Huron) watermain replacement: \$161,173
5. Dashwood Road (Hwy#21-Shipka Line) watermain replacement: \$394,186
6. Exeter Water Tower upgrades (mixing system & controls): \$176,010
7. Exeter Water Tower Control Valve: \$45,371
8. Engineering for Huron Street East (Edward to Eastern) watermain replacement: \$9,977
9. Engineering for Dashwood Road (Shipka to Bronson) watermain replacement: \$22,178
10. Engineering for Shipka Line (South Rd to Kirkton) watermain replacement: \$19,399
11. Engineering for Huron Street and McTaggart Line watermain replacement: \$12,828
12. Replacement of Drive on pump #2 at Mc Naughton Reservoir : \$ 6,500
13. Preventive maintenance of critical control valves : \$ 6,300
14. New Fire Hydrant installation in Crediton : \$ 9,000

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

| Incident Date | Parameter | Result | Unit of Measure | Corrective Action | Corrective Action Date |
|---------------|-----------|--------|-----------------|-------------------|------------------------|
|---------------|-----------|--------|-----------------|-------------------|------------------------|



|  |  |  |  |  |  |
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|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.**

|              | Number of Samples | Range of E.Coli Or Fecal Results (min #)-(max #) | Range of Total Coliform Results (min #)-(max #) | Number of HPC Samples | Range of HPC Results (min #)-(max #) |
|--------------|-------------------|--|---|-----------------------|--------------------------------------|
| Raw          | N/A               |  |   |                       |                                      |
| Treated      | N/A               |  |   |                       |                                      |
| Distribution | 524               | 0  | 0   | 159                   | <10-530                              |

**Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.**

|   | Number of Grab Samples | Range of Results (min #)-(max #) | Unit of Measure | <i>NOTE: For continuous monitors use 8760 as the number of samples.</i> |
|---|------------------------|----------------------------------|-----------------|---|
| Turbidity                                   | N/A                    |                                  |                 |   |
| Chlorine                                    | 8760                   | 0.21 – 3.09                      | MG/L FREE       |   |
| Fluoride (If the DWS provides fluoridation) | N/A                    |                                  |                 |   |

**Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.**

| Date of legal instrument issued | Parameter | Date Sampled | Result | Unit of Measure |
|---------------------------------|-----------|--------------|--------|-----------------|
|                                 |           |              |        |                 |
|                                 |           |              |        |                 |

**Summary of Inorganic parameters tested during this reporting period or the most recent sample results**

| Parameter | Sample Date | Result Value | Unit of Measure | Exceedance |
|-----------|-------------|--------------|-----------------|------------|
| Antimony  |             |              |                 |            |
| Arsenic   |             |              |                 |            |
| Barium    |             |              |                 |            |
| Boron     |             |              |                 |            |
| Cadmium   |             |              |                 |            |
| Chromium  |             |              |                 |            |
| *Lead     |             |              |                 |            |
| Mercury   |             |              |                 |            |
| Selenium  |             |              |                 |            |
| Sodium    |             |              |                 |            |
| Uranium   |             |              |                 |            |



|          |  |  |  |  |
|----------|--|--|--|--|
| Fluoride |  |  |  |  |
| Nitrite  |  |  |  |  |
| Nitrate  |  |  |  |  |

\*only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

## Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

| Location Type | Number of Samples | Range of Lead Results (min#) – (max #) | Unit of Measure | Number of Exceedances |
|---------------|-------------------|--|-----------------|-----------------------|
| Plumbing      |                   |  | ug/L            | 0                     |
| Distribution  |                   |  | ug/L            | 0                     |

## Summary of Organic parameters sampled during this reporting period or the most recent sample results

| Parameter   | Sample Date | Result Value | Unit of Measure | Exceedance |
|---|-------------|--------------|-----------------|------------|
| Alachlor  |             |              |                 |            |
| Aldicarb  |             |              |                 |            |
| Aldrin + Dieldrin                                   |             |              |                 |            |
| Atrazine + N-dealkylated metabolites                |             |              |                 |            |
| Azinphos-methyl                                     |             |              |                 |            |
| Bendiocarb  |             |              |                 |            |
| Benzene   |             |              |                 |            |
| Benzo(a)pyrene                                      |             |              |                 |            |
| Bromoxynil  |             |              |                 |            |
| Carbaryl  |             |              |                 |            |
| Carbofuran  |             |              |                 |            |
| Carbon Tetrachloride                                |             |              |                 |            |
| Chlordane (Total)                                   |             |              |                 |            |
| Chlorpyrifos  |             |              |                 |            |
| Cyanazine   |             |              |                 |            |
| Diazinon  |             |              |                 |            |
| Dicamba   |             |              |                 |            |
| 1,2-Dichlorobenzene                                 |             |              |                 |            |
| 1,4-Dichlorobenzene                                 |             |              |                 |            |
| Dichlorodiphenyltrichloroethane (DDT) + metabolites |             |              |                 |            |
| 1,2-Dichloroethane                                  |             |              |                 |            |
| 1,1-Dichloroethylene (vinylidene chloride)          |             |              |                 |            |
| Dichloromethane                                     |             |              |                 |            |
| 2,4 Dichlorophenol                                  |             |              |                 |            |
| 2,4-Dichlorophenoxy acetic acid (2,4-D)             |             |              |                 |            |



|  |          |       |      |  |
|--|----------|-------|------|--|
| Diclofop-methyl                              |          |       |      |  |
| Dimethoate                                   |          |       |      |  |
| Dinoseb                                      |          |       |      |  |
| Diquat                                       |          |       |      |  |
| Diuron                                       |          |       |      |  |
| Glyphosate                                   |          |       |      |  |
| Heptachlor + Heptachlor Epoxide              |          |       |      |  |
| Lindane (Total)                              |          |       |      |  |
| Malathion                                    |          |       |      |  |
| Methoxychlor                                 |          |       |      |  |
| Metolachlor                                  |          |       |      |  |
| Metribuzin                                   |          |       |      |  |
| Monochlorobenzene                            |          |       |      |  |
| Paraquat                                     |          |       |      |  |
| Parathion                                    |          |       |      |  |
| Pentachlorophenol                            |          |       |      |  |
| Phorate                                      |          |       |      |  |
| Picloram                                     |          |       |      |  |
| Polychlorinated Biphenyls(PCB)               |          |       |      |  |
| Prometryne                                   |          |       |      |  |
| Simazine                                     |          |       |      |  |
| THM (NOTE: show latest annual average)       | SEE NOTE | 35.25 | ug/L |  |
| Temephos                                     |          |       |      |  |
| Terbufos                                     |          |       |      |  |
| Tetrachloroethylene                          |          |       |      |  |
| 2,3,4,6-Tetrachlorophenol                    |          |       |      |  |
| Triallate                                    |          |       |      |  |
| Trichloroethylene                            |          |       |      |  |
| 2,4,6-Trichlorophenol                        |          |       |      |  |
| 2,4,5-Trichlorophenoxy acetic acid (2,4,5-T) |          |       |      |  |
| Trifluralin                                  |          |       |      |  |
| Vinyl Chloride                               |          |       |      |  |

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

| Parameter | Result Value | Unit of Measure | Date of Sample |
|-----------|--------------|-----------------|----------------|
|           |              |                 |                |
|           |              |                 |                |

NOTE: FEB 7 - 24  
MAY 17 - 33  
AUG 18 - 47  
NOV 15 37  
141 / 4 = 35.25 ug/L





## Staff Report

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**Report To:** Dan Best, Chief Administrative Officer  
**From:** **Don Giberson, Environmental Services Director**  
**Date:** March 5 2018  
**Report:** ESD.18.02  
**Subject:** 2017 Mandatory reporting of Commercial and Industrial water consumption information to the MOECC

---

### Recommendations:

**That** South Huron Council receive the report from Don Giberson, ESD Director RE: 2017 Mandatory reporting of Commercial and Industrial water consumption information to the MOECC

### Purpose:

The purpose of this report is to notify Council of regulatory compliance with respect to the South Huron drinking water system.

### Background and Analysis:

*Ontario Regulation 450/07* requires owners of municipal drinking water systems to report annually to the Ministry of the Environment and Climate Change (MOECC) water consumption information for large industrial and commercial users prior to the regulatory reporting deadline of March 31<sup>st</sup> of each year. This regulation established a charge of \$3.71 per million litres of water used by phase one industrial and commercial water users.

This applies only to industrial and commercial users who withdraw more than 50,000 litres (50m<sup>3</sup>) on any single day in the previous calendar year. Agricultural, institutional and residential users are exempt. The MOECC

invoices industrial and commercial users directly using information provided by the Municipality.

In compliance with this regulation, the 2017 water consumption data for large industrial and commercial consumers was submitted online to the MOECC "Water Taking Reporting" web site on January 23, 2018. One South Huron industrial/commercial customer exceeded the threshold volume.

### **Operational Considerations:**

As this report is being presented for information purposes only, no alternatives are presented.

### **South Huron's Strategic Plan:**

Section 6.2.2 of the Municipality of South Huron 2015- 2019 Strategic Plan identifies key objectives that are reflective of the collective perspectives of the strategic planning process.

The recommendations and actions outlined in this report are reflective of the following strategic objectives:

#### Administrative Efficiency and Fiscal Responsibility

Informing Council of regulatory compliance, reduces liability and results in efficient use of time/resources.

#### Increased Communications and Municipal Leadership

Communicating information to Council related to drinking water, keeps Members of Council informed and assists in making informed decisions.

#### Transparent, Accountable and Collaborative Governance

Public reporting of Commercial/Industrial water consumption, demonstrates commitment to transparent, accountable and collaborative governance.

#### Dedicated Economic Development Effort

Informing Council of regulatory compliance results in increased public confidence; retention of businesses and economic development opportunities

### **Financial Impact:**

There are no financial implications for the Corporation resulting from the proposed recommendation.

**Legal Impact:**

There are no legal implications for the Corporation resulting from the proposed recommendation.

**Staffing Impact:**

There are no staffing implications for the Corporation resulting from the proposed recommendation.

**Policies/Legislation:**

1. Ontario Water Resources Act, R.S.O. 1990, c. O.40
2. Ontario Regulation 450/07

**Consultation:**

The Environmental Services Administrative Assistant compiled the data and submitted the information online to the MOECC Water Taking Reporting web site.

**Related Documents:**

None

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Don Giberson', is enclosed within a faint rectangular box. The signature is stylized with a large loop at the top and a horizontal line extending to the right.

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**Don Giberson, Environmental Services Director**



## Staff Report

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**Report To:** Dan Best, Chief Administrative Officer  
**From:** **Don Giberson, Environmental Services Director**  
**Date:** March 5 2018  
**Report:** ESD.18.05  
**Subject:** 2017 Annual Kirkton Landfill (Closed) Status Report

---

### Recommendations:

**That** South Huron Council receive the report from Don Giberson, Environmental Services Director Re: 2017 Annual Kirkton Landfill (Closed) Status Report.

### Purpose:

The purpose of this report is to notify Council of regulatory compliance with respect to the Kirkton Landfill Site.

### Background and Analysis:

It is a condition of the Kirkton Landfill MOE Certificate of Approval that the Municipality prepare an annual status report and submit a copy to the Ministry of the Environment by March 31<sup>st</sup> of each year. A report was prepared by Wilson Associates Consulting Hydrogeologists and submitted to the Ministry of the Environment and Climate Change, Owen Sound District Office on February 7, 2018.

The Annual Kirkton Landfill Site report is a comprehensive document that includes a Description of the site; Site History; Post Closure Maintenance & Operations; Water Resource Monitoring; Control and Contingency Implementation; Conclusions; and Recommendations. A complete copy of the Report is available in the Environmental Services Department for viewing by any Member of Council.

The landfill site was closed in September 2006 and the final clay cover, topsoil/seed was placed in the fall of 2006. Post closure maintenance & operations is carried out in accordance with the MOECC approved Closure Plan. There is currently no activity taking place at this site other than ground water monitoring and perpetual care maintenance.

Wilson Associates Consulting Hydrogeologists summarized their findings in a Water Quality Monitoring Program Status Report and the following are their report conclusions/recommendations:

- 1) For 2017 the overall quality of groundwater at downgradient monitoring wells at the Kirkton Landfill remained relatively stable in comparison to historical trends.
- 2) Reasonable Use Criteria continued to be exceeded for a number of chemical parameters in the groundwater from most downgradient monitoring wells. There are no users of ground water within the leachate plume. No off-site users of ground water could be conceivably impacted by the landfill.
- 3) The overall water quality in Fish Creek in 2017 remained generally stable between the three monitoring stations, with only very slight impacts indicated under low-flow conditions. The aluminium and phosphorus contents of the Creek were elevated above the Provincial Water Quality Objectives, however these exceedances are not attributable to the landfill.
- 4) Based on the continuing relatively stable level of impact to the end of 2017, the once per year monitoring program should continue for 2018. Given the historical stability of landfill impacts to ground water and Fish Creek, it is recommended that sampling of the Creek for 2018 continue at once per year as has been undertaken since 1999 (except 2016).

### **Operational Considerations:**

As this report is being presented for information purposes only, no alternatives are presented.

### **South Huron's Strategic Plan:**

Section 6.2.2 of the Municipality of South Huron 2015- 2019 Strategic Plan identifies key objectives that are reflective of the collective perspectives of the strategic planning process.

The recommendations and actions outlined in this report are reflective of the following strategic objectives:



### Administrative Efficiency and Fiscal Responsibility

Informing Council of regulatory compliance, reduces liability and results in efficient use of time/resources.

### Increased Communications and Municipal Leadership

Communicating information to Council related to the closed Kirkton Landfill Site and associated monitoring, keeps Council and the public informed.

### Transparent, Accountable and Collaborative Governance

Public reporting of the Annual Kirkton Landfill (Closed) Status Report, demonstrates commitment to transparent, accountable and collaborative governance.

### Dedicated Economic Development Effort

Informing Council of regulatory compliance, results in increased public confidence; retention/attraction of businesses and economic development opportunities.

## **Financial Impact:**

There are no financial implications for the Corporation resulting from the proposed recommendation.

## **Legal Impact:**

There are no legal implications for the Corporation resulting from the proposed recommendation.

## **Staffing Impact:**

There are no staffing implications for the Corporation resulting from the proposed recommendation.

## **Policies/Legislation:**

1. Environmental Protection Act, R.S.O. 1990, c. E.19
2. Ontario Regulation 347 – General Waste Management
3. Ontario Regulation 232/98 – Landfilling Sites
4. Kirkton Landfill Site MOE Certificate of Approval A162401
5. MOECC Technical Support for Ontario Drinking Water Standards, Objectives and Guidelines

6. MOECC Reasonable Use Concept into MOE Groundwater Management Activities
7. MOECC Water Management Policies, Guidelines, Provincial Water Quality Objectives

**Consultation:**

Ian Wilson, P.Geo. – Wilson Associates Consulting Hydrogeologists, was consulted regarding the content of this Report. Ken Bettles, Director of Public Works for the Township of Perth South was consulted regarding report recommendations and filing with the Ministry, as there is a cost sharing Agreement with the Township of Perth South for the Kirkton Landfill.

**Related Documents:**

None

Respectfully submitted,

A handwritten signature in black ink, consisting of a large, loopy initial 'D' followed by several vertical strokes and a long, sweeping horizontal line at the bottom.

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**Don Giberson, Environmental Services Director**



## Staff Report

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**Report To:** Dan Best, Chief Administrative Officer  
**From:** **Don Giberson, Environmental Services Director**  
**Date:** March 5 2018  
**Report:** ESD.18.06 Budget Amendment  
**Subject:** Unsuccessful 2017 OCIF Top-Up Grant Funding Application for Huron Street East Reconstruction Project

---

### Recommendations:

**That** South Huron Council receive the report from Don Giberson, Environmental Services Director RE: Unsuccessful 2017 OCIF Top-Up Grant Funding Application for Huron Street East Reconstruction project, AND;

**That** South Huron Council authorizes a 2018 budget amendment to transfer an additional amount of \$437,889 from the Transportation Capital Replacement Reserve; \$262,733 from the Water Capital Replacement Reserve and \$175,156 from the Sewer Capital Replacement Reserve to offset the loss the OCIF grant funding for the Huron Street East Reconstruction project.

### Purpose:

The purpose of this report is to advise Council of the unsuccessful application for funding under the 2017 Ontario Community Infrastructure Fund Top-Up Grant Funding program for the Huron Street East Reconstruction project and to obtain approval for a budget amendment to transfer additional funds from the capital replacement reserves to make up the funding shortfall due to the loss of the grant funding.

## **Background and Analysis:**

On September 27, 2017, after selection by Council as the top priority project, an application was submitted to the Ontario Community Infrastructure Fund (OCIF) Top-Up grant program for the Huron Street East Reconstruction project (Edward Street to East town limit).

On February 15, 2018 the Ministry of Agriculture, Food and Rural Affairs notified the Municipality that we were unsuccessful in our grant application for this project under the OCIF Top-Up grant program. This results in a loss of **\$875,778** in grant funding.

The Huron Street Reconstruction project is fully engineered, all approvals are in place and it's ready to go to tender. Hydro One is nearing completion of hydro system upgrades on Huron and Edward Street in preparation for this project. Huron Street East from Edward to East town limit remains our highest priority project. Delaying or deferring the project will increase our infrastructure deficit and increase our costs, as this asset continues to deteriorate.

However, in order for the project to proceed as originally planned, additional funding is required to offset the loss of OCIF grant funding. Additional funds are required to be transferred from the Capital Replacement Reserves in the amount of \$437,889 for roads & storm sewers, \$262,733 for watermains and \$175,156 for sanitary sewers.

## **Operational Considerations:**

Three options were considered. The first was to defer the project until 2019. The second option was to split the project into two phases and construct the project over the next two years (2018/2019). Both of these options were rejected, due to concerns regarding severely deteriorated condition of the existing infrastructure, increased maintenance costs and anticipated increases in future capital costs. Delaying the project results further deficits in the Municipal Asset Management Program.

The third option was to proceed with the project as originally planned and use additional funds from the Capital Replacement Reserves to make up the short fall created by the loss of the OCIF grant funding. This is the option selected by Staff as being in the best interests of the Municipality.

## **South Huron's Strategic Plan:**

Section 6.2.2 of the Municipality of South Huron 2015- 2019 Strategic Plan identifies key objectives that are reflective of the collective perspectives of the strategic planning process.

The recommendations and actions outlined in this report are reflective of the following strategic objectives:

Administrative Efficiency and Fiscal Responsibility

Increased Communications and Municipal Leadership

Transparent, Accountable and Collaborative Governance

Dedicated Economic Development Effort

### **Financial Impact:**

The estimated cost of the Huron Street East Reconstruction project (Edward Street to Est town limit) is approximately \$2,070,000. The original approved budget identified funding in the amount of \$276,901 from the tax levy; \$162,267 from user fees; \$875,778 from an OCIF grant and \$775,054 from capital replacement reserves.

An additional \$875,778 is required to be transferred from the capital replacement reserves (ie. \$437,889 from Roads; \$262,733 from Water; and \$175,156 Sewers).

### **Legal Impact:**

There are no legal implications for the Corporation resulting from the proposed recommendation.

### **Staffing Impact:**

There are no staffing implications for the Corporation resulting from the proposed recommendation.

### **Policies/Legislation:**

1. South Huron Asset Management Program
2. South Huron Capital Budget (Five Year Forecast)
3. BM Ross Roads Management Study - 2015



**Consultation:**

Manager of Financial Services/Treasurer

Water/Sewer Foreman

Chief Administrative Officer

**Related Documents:**

Correspondence from the Minister of Agriculture, Food and Rural Affairs and the Minister of Infrastructure dated February 15, 2018.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Don Giberson', enclosed within a large, loopy oval shape. The signature is fluid and cursive.

---

**Don Giberson, Environmental Services Director**

**Ministry of Agriculture,  
Food and Rural Affairs**

**Ministère de l'Agriculture, de  
l'Alimentation et  
des Affaires rurales**

4<sup>th</sup> Floor  
1 Stone Road West  
Guelph, Ontario N1G 4Y2  
Tel: 1-877-424-1300  
Fax: 519 826-3398

4<sup>e</sup> étage  
1 Stone Road West  
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Tél. : 1-877-424-1300  
Télec. : 519 826-3398



## **Rural Programs Branch**

February 15, 2018

Our File: OCIF AC4-4133

Dan Best, CAO  
Municipality of South Huron  
PO Box 759, 322 Main Street South  
Exeter, Ontario  
N0M 1S6  
cao@southhuron.ca

Dear Dan Best,

### **Re: Ontario Community Infrastructure Fund (OCIF) Top-Up Application Component – 2017 Intake**

Thank you for your application under the 2017 OCIF Top-up Application Component.

I am writing to inform you that the selection process for the 2017 OCIF Top-Up Application Component intake is now complete. Applications were reviewed and assessed based on the criteria outlined in the program guidelines. Following a detailed review of the application and supporting materials you submitted, the Huron Street Reconstruction project was unfortunately not selected for funding. The ministry received hundreds of applications, and at this time, demand for the program exceeds available funding. While this project was not selected for funding under this intake, your municipality will be receiving \$1,812,491 in formula-based funding from 2018 to 2020 to put towards important local infrastructure projects.

We used an evidence-based approach and relied on the advice of a multi-ministry review team in the assessment process. Projects were assessed primarily on health and safety criticality, as well as demonstrated financial need and completeness of asset management plans.

Staff are available to provide additional details on your project's assessment, including a summary of how your project was assessed and areas of focus that may strengthen future applications. Should you have any questions, please do not hesitate to contact your Project Analyst, Mary Wyga, via email [Mary.Wyga@ontario.ca](mailto:Mary.Wyga@ontario.ca) or by calling (519) 826-4943 or 1-877-424-1300.



Good Things  
Grow in Ontario  
À bonne terre,  
bons produits



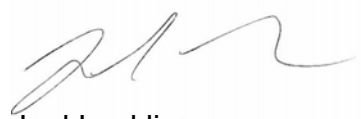
- 2 -

Ontario is committed to helping small, rural and northern communities address critical infrastructure challenges. This commitment includes increasing the formula-based funding under OCIF to \$200 million per year by 2019 and making approximately \$100 million per year available for annual application intakes.

The 2018 OCIF Top-up Application Component intake is expected to launch this spring. We will be in contact with eligible applicants prior to the launch to provide application submission information.

Thank you for your interest in the OCIF Top-up Application Component.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Locklin', is written over a light gray rectangular background.

Joel Locklin  
Manager, Infrastructure Renewal Programs



## Staff Report

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**Report To:** South Huron Council  
**From:** **Dan Best, Chief Administrative Officer/Deputy Clerk**  
**Date:** March 5 2018  
**Report:** CAO 05-2018  
**Subject:** Dashwood Community Centre Update 2

### Recommendations:

**That** the report of Daniel Best dated March 5, 2018 regarding Update #2 on the Dashwood Community Centre Construction project be received.

### Purpose:

Information

### Background and Analysis:

Further to the background and analysis of CAO Report 04-2018, Dashwood Community Centre, Staff received notification from Bluewater Staff on February 22, 2018 providing an update on the Dashwood Community centre project.

In the correspondence received, the following resolution from the Municipality of Bluewater Council was received:

Dashwood Community Centre Washrooms Project – Update

**MOVED: Councillor Becker**

**SECONDED: Councillor Irvin**

That Council pre-approve the 2018-2019 budget to address the cost of the Dashwood Community Centre Washroom Project and that the allocation of the funds to pay for the project be determined during the Municipality's budget process. CARRIED.

As the funding sources of the project have now been finalized, Staff will be proceeding with the tendering phase of the project and ensure that communications are coordinated between both Municipalities at the Staff level.

**Operational Considerations:**

There are no operational considerations as a result of the actions outlined in this report

**South Huron's Strategic Plan:**

The actions outlined in this report have no direct correlation to the South Huron Strategic Plan.

**Financial Impact:**

There are no financial implications as a result of the actions outlined in this report.

**Legal Impact:**

There are no legal implications as a result of the actions outlined in this report.

**Staffing Impact:**

There are no staffing implications as a result of the actions outlined in this report.

**Policies/Legislation:**

None

**Consultation:**

None

**Related Documents:**

None

Respectfully submitted,

---

**Dan Best, Chief Administrative Officer/Deputy Clerk**



**Ministry of  
Municipal Affairs**

Provincial Planning Policy  
Branch  
777 Bay Street, 13<sup>th</sup> Floor  
Toronto ON M5G 2E5  
Tel. 416-585-6014  
Fax 416-585-6870

**Ministère des  
Affaires municipales**

Direction des politiques provinciales  
d'aménagement  
777, rue Bay, 13<sup>e</sup> étage  
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Téléc. 416-585-6870



**Ministry of  
the Attorney General**

Agency and Tribunal Relations  
Division  
720 Bay St, 3<sup>rd</sup> Floor  
Toronto ON M7A 2S9  
Tel. 416-326-3723  
Fax 647-723-2051

**Ministère du  
Procureur général**

Direction des relations avec les  
organismes et les tribunaux  
720, rue Bay, 3<sup>e</sup> étage  
Toronto ON M7A 2S9  
Tél. 416-326-3723  
Téléc. 647-723-2051

**Date:** February 27, 2018

**Subject:** Proclamation of the *Building Better Communities and Conserving Watersheds Act, 2017* changes to the land use planning and appeal system

We are writing to provide an update on the *Building Better Communities and Conserving Watersheds Act, 2017*, which was passed by the Legislature on December 12, 2017.

**In Effect Date**

The changes the Act makes to the land use planning and appeal system will come into effect on April 3, 2018, as specified by proclamation.

This includes changes to:

- establish the Local Planning Appeal Tribunal (the Tribunal) as the province-wide appeal body for land use planning matters;
- improve the hearing process at the Tribunal;
- establish the Local Planning Appeal Support Centre to provide legal and planning support services to eligible Ontarians for matters before the Tribunal;
- limit the Tribunal's ability to overturn municipal decisions that adhere to municipal official plans, provincial plans and the Provincial Policy Statement;
- give municipalities more control over local planning, resulting in fewer decisions being appealed; and
- shelter certain major planning decisions from appeal.

These changes are in response to the province-wide consultation undertaken as part of the [Ontario Municipal Board Review](#).

## Regulations

To facilitate implementation of the *Building Better Communities and Conserving Watersheds Act, 2017*, several new and amended regulations have been proposed.

Proposals for the regulations under the Act were posted on Ontario's Regulatory and Environmental Registries for a 45-day public consultation period from December 7, 2017 to January 21, 2018.

We anticipate providing you with an update on the proposed regulation changes and finalized approach to transition in the near future.

## Questions

If you have any questions about the changes to the land use planning and appeal system, please email [OMBReview@ontario.ca](mailto:OMBReview@ontario.ca).

Sincerely,

Laurie Miller, Director  
Provincial Planning Policy Branch  
Ministry of Municipal Affairs

Mariela Orellana, Director (Acting)  
Agency and Tribunal Relations Branch  
Ministry of the Attorney General

If this email does not display properly, please view our [online version](#).



February 28, 2018

## 2018 Federal Budget Update

Yesterday Finance Minister Bill Morneau tabled the 2018 federal budget. The federal government's 2018 spending plan is full of commitments to improve gender equality and the lives of indigenous Canadians, while boosting Canada's spending on science, technology, skills development and cybersecurity. In many ways the focus of this year's budget can be found in one paragraph on page 11: "Experts agree that our future prosperity depends on greater equality between Canadian women and men. Equality is not just an important value for women and their families, it benefits all Canadians."

After two budgets that contained significant investments in infrastructure, transit, and housing, budget 2018 has considerably less for local governments, and the reception from the municipal sector was mixed. While new commitments to funding opioid treatment and ensuring that municipalities have the financial tools they need to safely implement the legalization of recreational cannabis were well received, FCM noted that the budget missed an opportunity to kick-start the National Housing Strategy by expediting repairs to existing housing stock.

There are a number of measures in the budget that will be of interest to the municipal sector, in Ontario and across the country. While AMCTO will continue to review the budget in greater depth over the coming days and weeks, below is a brief summary of some of the highlights of the budget for the municipal sector.

### Cannabis Legalization:

- \$62.5 million over five years, starting in 2018-19 for public education programming that will support community-based organizations that educate their communities about the risks associated with cannabis use.
- \$10 million over five years for the Mental Health Commission of Canada to assess the impact of cannabis use on mental health.
- \$10 million over five years for the Canadian Centre on Substance Use and Addiction to support research on cannabis use.

### Opioid Crisis:

- \$231.4 over five years, starting in 2018-19 for a range of measures to help address the opioid crisis, including:
  - One-time emergency funding of \$150 million for provinces and territories for multi-year projects that improve access to evidence-based treatment services;
  - A public education campaign to address the stigmas of treatment;
  - Improving access to public health data and analysis;
  - Equipping border agents with detection and identification tools to stop fentanyl at Canadian ports of entry; and,
  - Expanding substance use and addictions program.

### Rural Broadband:

- \$100 million over five years for the Strategic Innovation Fund, which will focus on improving rural broadband access.
- The government's rural broadband strategy is structured around the use of low earth orbit (LEO) satellites, which the government believes have the potential to provide Canadians living in rural and remote areas with better Internet access at more affordable prices. LEO satellites are situated closer to the earth's surface and can receive and transmit data at a faster rate, which the government believes will allow them to provide Internet across "challenging landscapes" at lower costs than fibre-optic technology.

**Building More Rental Housing**

- Spurring the construction of more than 14,000 new rental units across the country by increasing the amount of loans provided by the Rental Construction Financing Initiative from \$2.5 billion to \$3.75 billion over the next three years.
- Providing \$113.4 million over five years, starting in 2018-19 to the Canada Mortgage and Housing Corporation (CMHC) to expand the Rental Construction Financing Initiative.

**New Economic Development Funding for Southern Ontario**

- Allocating \$920 million over six years, beginning in 2018-19, to the Federal Economic Development Agency for Southern Ontario (FedDev)

**Mineral Exploration:**

- Extending the Mineral Exploration Tax Credit, which helps junior exploration companies raise capital for “grassroots” mineral exploration, by one year.

**Securing Critical Infrastructure:**

- \$1.4 million for 2018-19 to support assessments of critical infrastructure facilities such as energy grids, information and communication technology networks and hospitals.

**Cyber Security:**

- \$507.7 million over five years, and \$108.8 million per year after that period to fund a new National Cyber Security Strategy.

**First Nations Housing and Infrastructure:**

- Dedicating \$600 million over the next year to support a 10-year First Nations Housing Strategy, being developed in consultation with First Nations.
- \$172.6 million over the next three years to improve access to clean and safe drinking water on First Nations reserves.

**Carbon Pricing:**

- Developing a federal carbon pollution pricing system that would apply to provinces and territories that have not created their own carbon pricing system that meets the federal standard by the end of 2018.

**Local Journalism:**

- Providing \$50 million over five years, starting in June 2018-19 to independent non-government organizations that support local journalism in underserved communities.

**Regulatory Reform:**

- \$11.5 over three years, starting in 2018-19 to pursue a regulatory reform agenda to make the Canadian regulatory system more agile, transparent, and responsive. While this proposal is primarily geared to improving the regulatory environment for the private sector, there is a linkage to the work AMCTO has been doing on municipal reporting and regulatory modernization.

**For more:**

[AMCTO 2017 Federal Budget Update](#)

**Contact us:**

Eric Muller, Policy Advisor  
[emuller@amcto.com](mailto:emuller@amcto.com)  
905-602-4294 ext. 234

**AMCTO – The Municipal Experts**

2680 Skymark Avenue Suite # 610, Mississauga ON L4W-5L6  
Phone - 905-602-4294 | Fax - 905-602-4295  
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**From:** AMO Communications [<mailto:communicate@amo.on.ca>]  
**Sent:** Monday, February 26, 2018 2:05 PM  
**To:** Rebekah Msuya-Collison <[clerk@southhuron.ca](mailto:clerk@southhuron.ca)>  
**Subject:** Main Street Revitalization Funding Info/Survey

The Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) announced its intention last month to provide funding of up to \$26 million to municipal governments to support municipal main street revitalization initiatives. As announced, the broad areas for initiatives are i) energy efficiency, ii) accessibility, iii) marketability of small businesses within main street areas and iv) municipal or other public infrastructure within main street areas that will help the small business.

The [funding allocations](#) for each single and lower tier municipal government was shared by OMAFRA. It recognizes that revitalization in main street areas are guided by Community Improvement Plans or other local planning documents such as economic development plans and downtown revitalization policies for example.

AMO has agreed to be the fund administrator. Along with OMAFRA we are working on a streamlined, accountable process that facilitates revitalization projects. Once we have a signed Transfer Payment Agreement with OMAFRA, which sets out all the requirements of AMO and municipal governments (e.g. eligible/ineligible projects and costs, reporting requirements, etc.) we will be in a position to send you more details on how your funds can be used and a municipal funding agreement. In the meantime, please complete the attached [short survey](#) by **March 7th**. It will help you to start thinking of possible projects that complement the four broad areas noted above as we complete the design work.

For technical issues with the survey, please contact [Snezana Vukelic](#).

Pat Vanini  
Executive Director  
Association of Municipalities of Ontario

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**Rebekah Msuya-Collison**

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**From:** AMO Communications <communicate@amo.on.ca>  
**Sent:** Tuesday, February 20, 2018 12:43 PM  
**To:** Genevieve Scharback  
**Subject:** AMO Policy Update - Public Reporting Fire Regulation Posted for Municipal Comments

February 20, 2018

## **Public Reporting Fire Regulation Posted for Municipal Comments**

On February 16<sup>th</sup> the Ministry of Community Safety and Correctional Services (MCSCS) [released](#) the proposed [Public Reporting for Fire Department Response Times](#) Regulation under the *Fire Protection and Prevention Act, 1997* (FPPA).

With this latest posting, MCSCS is looking for comments on this draft regulation in addition to the other proposed two regulations that were [posted for comment on January 30, 2018](#):

- [Mandatory Training and Certification for Firefighters](#); and
- [Community Risk Assessments](#).

The deadline for the January 30 postings is March 11, while comments on the draft Public Reporting regulation are due on March 18, 2018. We encourage all municipal councils with fire services to work with your Fire Chief and fire services to develop a comprehensive response for your municipality on all three regulations.

### **What does the Public Reporting Regulation say?**

- As of January 1, 2020, public reporting on fire responses will be required according to a series of reporting criteria, depending on the type of fire service the department provides (e.g. full-time/"non-volunteer", composite or volunteer).
- The proposed reporting standards are based on the National Fire Protection Association (NFPA), a United States trade association, with some international members, that creates and maintains private, copyrighted standards and codes for usage and adoption by local governments.
- The NFPA 1710 standard is for full-time fire services and the NFPA 1720 standard is for volunteer fire services. Composite fire services by their nature will need to use both standards in separate zones under the service where appropriate.
- Response time calculations for each fire department will be supplied by the Office of the Fire Marshal and Emergency Management, unless departments have sufficient resources to do the calculations internally.
- Fire departments will have to submit their public report to the Fire Marshal within six (6) months after receiving their calculation.

- Before it is submitted to the Fire Marshal, the fire department will be required to give the public report to their local municipal council, or each municipality in the group of municipalities if fire protection services are provided.

**It is suggested that municipal responses to the draft Public Reporting regulation focus on:**

It is not clear on what would happen if the municipal council disagrees or raises concerns with the fire department's public report on response times. This raises concerns with principles of good governance and accountability as the draft regulation has the fire department providing the public report to the Fire Marshal directly.

- It is not clear on what would happen if the municipal council disagrees or raises concerns with the fire department's public report on response times. This raises concerns with principles of good governance and accountability as the draft regulation has the fire department providing the public report to the Fire Marshal directly.
- It is problematic that a municipal council does not appear have a decision-making role in the proposed reporting process.
- There is concern on how the proposed regulation is drafted with respect to composite fire services:
  - As currently written, if a first emergency response unit doesn't have a volunteer firefighter on it, the standard for the reporting would be for a full-time service (1710).
  - However a composite service may have the second, third and other units responding to the event to be composed of volunteers.
  - This could have the effect of having those zones where it is primarily volunteers but with some full-time firefighters being categorized as a full-time service for reporting which may not reflect the reality of the fire service and its composition.
- It is critically important that this draft regulation does not establish service levels that are not required by the 1720 standard for a volunteer fire service or that zone of a composite fire services that is primarily volunteer:
  - The 1720 volunteer standard does not set out a defined numerical performance level.
  - The 1720 standard is locally determined depending on the population, densities and distances to cover.
  - Specifically the Schedule 2(1) 1 should not require a 90%, or any other defined performance level as response times depends on the population, densities and distances to cover.

As you can see, there are significant fiscal, risk management, timing and technical aspects that require local consideration and comment. Stay tuned for AMO's comments on these three draft regulations in early March.

To assist AMO members in the development of their municipal responses to the draft MCSCS fire regulations, refer to our January 30<sup>th</sup> [AMO Briefing Note on Draft Regulations](#) for an analysis of what the previously released two draft regulations may mean to your local governments.

We appreciate the efforts of local governments to respond, as it is important that the province receives a full set of consultation responses that reflect the diversity of Ontario's municipalities.

**Note for Clarification on Grandfathering:** MCSCS recently advised that the opportunity to grandfather existing firefighters to NFPA standards will not be open to everyone if the regulations are approved, but rather only to those who were provided the opportunity previously (in 2014), and chose to not certify at that time as it was not mandatory. This is a shift from the previously understood position, so it is recommended that municipalities include a request for a more open approach to grandfathering all in responding to the draft mandatory certification regulation.

**Contact:** Amber Crawford, Policy Advisor, [acrawford@amo.on.ca](mailto:acrawford@amo.on.ca), 416-971-9856 ext. 353.

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**Board of Directors Meeting Highlights  
Held on February 18, 2018 at 9:00 AM  
at the MRF Board Room**



### **Amended Blue Box Program Plan on Life Support**

Stewardship Ontario has released a letter recently, which explains that they have not submitted a revised amended Blue Box Program Plan to the Resource Productivity and Recovery Authority (RPRA), nor are they intending to ahead of the February 15th deadline to submit to the Minister of Environment and Climate Change. Instead, the letter indicates Stewardship Ontario will be moving forward with a new and more meaningful approach to engaging stakeholders, including municipal governments, to address concerns that were raised during the consultation process.

RPRA also provided the following update after their Board meeting:

“RPRA did not receive a proposal for an amended Blue Box Program Plan from Stewardship Ontario SO for assessment of compliance with the Waste Diversion Transition Act, 2016 and consistent with the Minister’s direction. The RPRA Board has authorized the Chair to forward correspondence to the Minister describing the activities undertaken since August 14th and those that may occur as a result of ongoing discussions, and advise that the Authority has not approved a proposal for an amended Blue Box Program Plan.”

The Municipal 3Rs Collaborative is in conversation with Stewardship Ontario and RPRA, and will endeavour to keep you updated as we continue to work on amending the Blue Box Program Plan.

### **Nova Scotia Lifts Plastic Film Landfill Ban**

Decision will temporarily allow plastic film from the Halifax region to be shipped to landfill. The Nova Scotia Department of Environment has granted a temporary exemption to the Halifax Regional Municipality (HRM) to allow it to ship plastic film to a landfill.

The exemption is limited to HRM and only film plastics such as plastic shopping bags, the wrap around toilet paper and paper towels, and the wrapping around water bottles, beverage or juice cans. The exemption will last for six months and is limited to Green for Life’s landfill in West Hants, Nova Scotia, Canada. Other recyclables are still banned from the province’s landfills.

The decision follows China’s announcement, made last year, that it would no longer allow imports of used plastic films for recycling purposes.

Plastic film makes up about five percent of materials currently being recycled in Nova Scotia. Most materials, such as paper, beverage containers and margarine tubs can still be recycled as usual.

“This is only a temporary measure,” says Environment Minister Iain Rankin. “Nova Scotia is a leader in recycling and waste diversion, and we will continue to be. We all want to see these materials recycled, not put into the landfill.”

“Putting film plastic in the landfill is a last resort,” says Matt Keliher, HRM’s manager of solid waste. “We have been actively looking for new markets and will continue to do that in the months to come.”

“I encourage all Nova Scotians to use reusable bags, and reduce their use of these materials wherever possible,” says Rankin. “The province will work with industry, municipalities and others on this issue.”

## Canadian Newsprint Producers Latest To Be Nailed With U.S. Tariffs

The U.S. Department of Commerce slapped an overall tariff of 6.53 per cent on about 25 Canadian plants, mostly in Quebec and Ontario, following an investigation that began in August 2017

Newsprint is the latest Canadian product to be hit with preliminary countervailing duties from the United States.

The U.S. Department of Commerce slapped an overall tariff of 6.53 per cent on about 25 Canadian plants, mostly in Quebec and Ontario, following an investigation that began in August 2017.



Canada is the largest exporter of newsprint in the world, with a market dominated by Resolute Forest Products, Kruger and Catalyst Paper Corp. of British Columbia.

Resolute faces a preliminary duty of 4.42 per cent while the Catalyst Paper duty is 6.09 per cent. The duty against Kruger is 9.93 per cent and the preliminary penalty against White Birch is 0.65 per cent.

The U.S. Department of Commerce will make another decision on anti-dumping duties in March and the U.S. International Trade Commission will be asked to rule on the two measures in August.

The U.S. government began investigating Canada's newsprint industry after Washington-based North Pacific Paper Co., complained Canada was dumping newsprint into the American market and unfairly subsidizing its industry at home.

It is the same argument made regarding Canada's softwood industry, which led to the imposition of both countervailing and anti-dumping duties on most Canadian softwood exports to the United States.

In a joint statement, Foreign Affairs Minister Chrystia Freeland and Natural Resources Minister Jim Carr called the duty rates "unjustified."

"Any duties will have a direct and negative impact on U.S. newspapers, especially those in small cities and towns, and result in job losses in the American printing sector," the ministers said in a statement.

"We will continue to work with our forest industry, provinces and territories, and communities across Canada to defend this vital sector against unfair and unwarranted U.S. trade measures and practices."

Newfoundland and Labrador Premier Dwight Ball said in a statement that he is disappointed with the decision to place a countervailing duty on newsprint from Corner Brook Pulp and Paper, a division of Kruger Inc.

Ball said the provincial government will "explore every opportunity" to advocate on behalf of the company and the forestry industry.

"As a government, we have worked vigorously to advocate for local businesses and workers, including Corner Brook Pulp and Paper, against the increased protectionist environment that exists in the United States," he said.

Resolute Forest Products spokesman Karl Blackburn called the duties "completely unfair and unjustified" and Denis Lebel, the president and CEO of the Quebec Forest Industry Council, labelled them "absolutely unfounded."



The U.S. Department of Commerce says Canada exported about \$1.6 billion worth of newsprint to the U.S. in 2016.

The new duties comes as Canada and the U.S. continue to try to negotiate a trade settlement on softwood to replace the deal which expired in 2015. Canada is also seeking relief from the softwood duties in appeals through the North American Free Trade Agreement and the World Trade Organization.

### Waste Exports

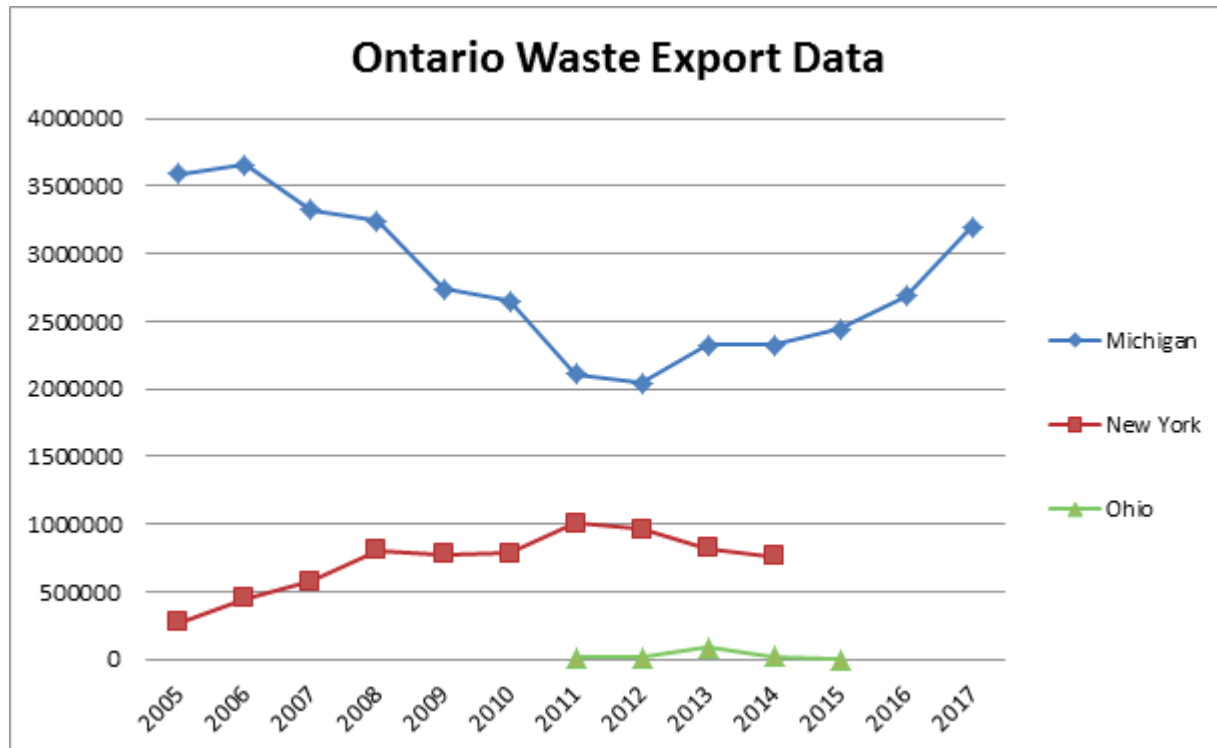
The State of Michigan has released its 2017 Landfill Report. The report metrics show a dramatic increase in the volume of waste exported from Ontario to Michigan in 2017 and a steady growth in the volume of waste exported to Michigan from 2012 to present.

The report found that waste imports into Michigan from Ontario in 2017 increased by 19% over 2016. Since 2012, waste imported into the state from Ontario has risen by 66% to over 3.2 million tonnes. This year over year increase reflects increased export of commercial, construction and demolition waste but a decrease in industrial waste.

The findings of the Michigan Landfill Report reinforce why it's crucial for Ontario policymakers to carefully consider the movement of waste between jurisdictions before pursuing new policies and regulations related to waste disposal and Ontario landfills that could have an unintended outcome. The waste disposal marketplace on both sides of the border is competitive and 2017 Michigan data may reflect the impacts of both increased cost to Ontario landfills and insufficient domestic landfill capacity in Ontario.

The new data may increase the resolve of Michigan legislators to move forward with increasing the state surcharge on landfilling waste -- from \$.36 to \$4.75 per ton (approximately \$5 CDN per tonne increase) and to revisit other opportunities to reduce the import of foreign waste from Ontario. (see news article [here](#)).

OWMA is continuing to monitoring the situation closely. New Ontario waste import data for New York and Ohio have not yet been released, but the table below shows the general trends of all waste shipments into the United States from Ontario.



## A Shortage of Trucks Is Forcing Companies to Cut Shipments or Pay Up

Loads far outnumber vehicles as freight volumes near records; 'like trying to get a cab at LaGuardia'



Several factors, from near-record freight volumes to new safety rules, have made trucks harder to come. A nationwide truck shortage is forcing thousands of shippers into a tough choice: postpone all but the most important deliveries, or pay dearly to jump to the front of the line.

Michelin North America Inc. cut its daily shipments of synthetic rubber from one plant by a fifth earlier this month and is at times paying double its usual price for temperature-controlled trucks, said Eric Stuch, a logistics manager at the tire manufacturer. Meal-kit service HelloFresh SE recently enlisted one of its produce suppliers to help move shipments to the airport in a snowstorm.

Several factors have converged to overwhelm the trucking market. Freight volumes in December hit near-record levels for that time of year, on the back of a strengthening economy. Retailers are replenishing stocks after one of the strongest holiday sales seasons in recent years. Manufacturers are also shipping more cargo; in December, industrial production had the largest year-over-year gain since 2010, according to the Federal Reserve.

What's more, bad weather and a new federal safety rule that took effect in December have crimped the supply of available trucks. Diesel prices are near a three-year high, adding to transportation costs.

In the spot market, where shippers hire trucks on short notice, there were about 10 loads waiting to be moved for every available truck in the week ending Jan. 20, compared with three in the same week last year, according to online freight marketplace DAT Solutions LLC.

Spot-market prices for dry vans, the most commonly used big rig, are up more than 20% year-over-year. Analysts expect long-term contract rates that shippers negotiate with carriers to rise by between 5% and 8% this year.

Beer distributor Constellation Brands Inc. and food companies Campbell Soup Co. and the J.M. Smucker Co. have all cited rising freight costs in recent earnings calls.

“Literally every possible thing that could be going against a shipper is happening right now,” said Michael Redisch, a principal at Chicago-based freight broker Atomic Transport LLC.

Trucking fleets are adding capacity, but it can take months or even years to catch up with demand. Meanwhile, they are getting pickier about which manufacturers and retailers they work with. Companies sometimes find it hard to convince truckers to pick up cargo at warehouses known for long loading times or traffic jams at the gate.

Mr. Stuch, the Michelin logistics manager, said the company “hit a wall in December,” when some regular carriers didn’t want to haul its cargo because of wait times at a few plants.

Michelin pushed employees to speed up receiving and is prioritizing shipments needed to keep production running over less-essential freight. Orders are spread out to avoid overloading carriers at the end of the week.

The company can only do so much, particularly when it needs a temperature-controlled truck to keep the synthetic rubber from freezing in transit. For those trucks, loads outstrip available big rigs by a ratio of about 15 to one, according to DAT. In Louisville, Ky., Michelin is paying \$2,600 on the spot market for some of those trucks, roughly twice its long-term contract rates. Some nonrefrigerated loads are being shifted over to rail.

A new federal safety rule in December requiring drivers to track their hours behind the wheel with electronic logging devices, or ELDs, has exacerbated the problem. Prices shot up for some routes that now might take two days instead of one because of stricter timekeeping.

January is typically a quiet month for freight. But in the first three weeks of January, national average spot truckload rates were higher than during the peak season in 2017, according to DAT.

Extreme weather has made trucks even harder to come by.

During the “bomb cyclone” that closed roads and ports along the Atlantic seaboard this month, trucks were in such short supply that meal-kit company HelloFresh ended up asking one of its produce suppliers to help truck shipments from its Newark, N.J., warehouse to FedEx Corp.’s nearby regional air hub.

“We were unable to find trucks,” said Brett Banchek, the company’s vice president of supply chain for the U.S. “It was like trying to get a cab at LaGuardia.”

Lynch Logistics Inc., a Bangor, Me., trucking and logistics firm that hauls cargo for retailers and companies that make paper goods, is “turning down freight on a daily basis,” said Dana Burleigh, vice president of operations.

Former customers are calling back looking for capacity, and some Canadian companies are offering to pay round-trip prices instead of the usual one-way rates if Lynch sends trucks their way, Mr. Burleigh said. The company has raised driver pay and is stepping up recruitment, costs it will eventually pass on to shippers.

Analysts expect capacity to become scarcer in April, when produce shipments pick up and full enforcement of the ELD rule kicks in. Vehicles without the devices may be removed from the road.

As the container shipping industry continues to boom, companies are adopting new technologies to move cargo faster and shifting to crewless ships. But it’s not all been smooth sailing and the future will see fewer players stay above water.

Meanwhile, shippers are scouring the freight market in search of available trucks.

“It’s been tough,” said Candace Holowicki, who manages transportation and logistics for dental-supply firm Metrex Research, a division of science, health-care and technology conglomerate Danaher Corp. “So far in January I’ve had 22 loads that I either had to switch brokers, find a different carrier or pay more money, anywhere from \$300 extra to \$1,200 extra.”

## Driver Shortage Returns as Trucking Industry's Top Concern

ATRI's annual Top Industry Issues survey is a key indicator of current trends and future issues for the trucking industry. The annual survey is launched every August and asks trucking industry stakeholders - motor carriers and professional drivers - to select their top issues of concern and identify key strategies for addressing each issue.

The 2017 Top Industry Issues Survey results released in October provide an important roadmap for what the industry can expect in 2018.

For the first time since 2006, the Driver Shortage topped the list of industry concerns. Improving economic growth in the U.S. has many concerned that the demand for truck drivers will further outpace the supply of qualified drivers. The latest estimate from the American Trucking Associations has the driver shortage climbing above 174,000 drivers by 2026 if current trends continue.

Where will those new drivers come from? An ATRI analysis of 2016 data from the U.S. Census Bureau shows that nearly 57 percent of our workforce is 45 and older, while just 4.4 percent is aged 20-24. And that percentage is down from our 2013 data analysis which showed 4.9 percent of our workforce in that youngest age bracket.

Survey respondents believe the top strategy for addressing the driver shortage is to work with state and federal authorities to develop a graduated CDL program to attract safe younger drivers to the industry. This is a top research priority for ATRI as well and work is underway at ATRI to develop and test a younger driver assessment tool - one that would reliably identify young individuals possessing the same personality traits as safe, older drivers (see article on Younger Driver Assessment Tool below).

Number two on the list of top concerns is the Electronic Device Mandate. After a number of legal challenges, FMCSA's long-awaited ELD mandate went into place on December 18th. However, given that the ELD Mandate ranked as the second-biggest issue facing the industry in 2017, it is clear that many in the industry remain concerned about the costs associated with deploying ELDs, what deployment will mean for industry productivity, and how the data collected will be used beyond HOS compliance.

Many of the concerns surrounding the ELD mandate derive from the lack of flexibility in the Hours-of-Service rules. While 2017 saw a final determination and permanent removal of the more restrictive 34-hour restart provisions in FMCSA's HOS rules, the lack of flexibility in the rules kept HOS as the number three industry issue in the 2017 survey.

| 2017 Top Trucking Industry Issues |  |
|-----------------------------------|--|
| 1.                                | Driver Shortage                                    |
| 2.                                | ELD Mandate  |
| 3.                                | Hours-of-Service                                   |
| 4.                                | Truck Parking                                      |
| 5.                                | Driver Retention                                   |
| 6.                                | CSA  |
| 7.                                | Cumulative Economic Impact of Trucking Regulations |
| 8.                                | Driver Distraction                                 |
| 9.                                | Transportation Infrastructure/ Congestion/ Funding |
| 10.                               | Driver Health and Wellness                         |



## China and Recycled Commodities: The Perfect Storm?

In July 2017, the Chinese government filed a notification with the World Trade Organization indicating the government's proposal to ban the import of 24 solid waste materials. What does this currently mean now and in the months to come?

Back in 2000, a movie starring George Clooney, "The Perfect Storm", told the story of an October 1991 tempest off of New England that may happen only once in a century. It was a nor'easter created by so rare a combination of factors that it could not possibly have been worse. Creating waves 10 stories high and winds of 120 miles an hour, the storm whipped the sea to inconceivable levels few people on Earth have ever witnessed.

When we view the recent Chinese government actions this past year with regard to recycled commodities and contamination of imported bales, we see unprecedented factors in play as "The Perfect Storm"—the banning of solid waste materials and imposing an almost unreachable contamination standard on bales entering China. In essence—a ban.

### *The World Trade Organization*

In July 2017, the Chinese government filed a notification with the World Trade Organization (WTO) indicating the government's proposal to ban the import of 24 solid waste materials, namely certain types of mixed papers and plastics. Further, the government said in November that it would impose a 0.3 percent contamination standard on bales. Both actions were planned for the implementation on March 15, 2018. Additional comments are due to the WTO on December 15. It is expected that stakeholders will ask for a lower contamination rate and a longer lead time.

Currently, the Chinese recyclables market represents about 25 percent of U.S. recycled paper exports and anywhere from 20 to 33 percent of recycled plastics, depending the type of plastic. ISRI estimates that this is a \$5.6 billion export market for the U.S.

The objective of this import ban and contamination limit was to minimize "foreign garbage" entering the country and to promote new environmental standards. Pursuant to this "ban" import licenses from China have not been renewed. The result has been a drop in commodity prices worldwide, especially in the U.S. because the flow of commodities into China, one of the largest importers of recyclables, has been disrupted.

### *Solid Waste Industry Association Actions*

As soon as news events unfolded about the import ban and the contamination standard, various solid waste industry groups (Institute of Scrap and Recycling Industries [ISRI], National Waste and Recycling Association [NWRA], and the Solid Waste Association of North America [SWANA]) issued industry blogs, press releases, presentations at national/international conferences and letters to state solid waste agencies.

For example, SWANA met with stakeholders and the U.S. Department of Commerce. The Department raised recycling market issues with their Chinese counterparts in Beijing in September and in bilateral trade meetings in September and October. Further, SWANA met with the U.S. Environmental Protection Agency (EPA) in October as the import ban was beginning to ripple throughout municipal solid waste programs. A letter was sent on October 11 to all 50 state environmental agencies providing an information update and potential description on potential impacts of these Chinese actions on municipal recycling programs.

### *West Coast Impacts*

States and municipalities on the West Coast (e.g., Portland, Seattle) have enacted significant zero waste/diversion goals as part of their environmental and cultural ethic. These communities have implemented single-stream collection systems. Unfortunately, many of these programs have exhibited high contamination rates in the range of 20 to 25 percent. Given the proximity of the west coast to Asian markets like China, the amount of recycled commodities has spiraled in recent years. Some have estimated that recyclables represent nearly a quarter of all exports to China—the largest single export (see Figure 1). This is hard for even me to believe.



## Exports to China

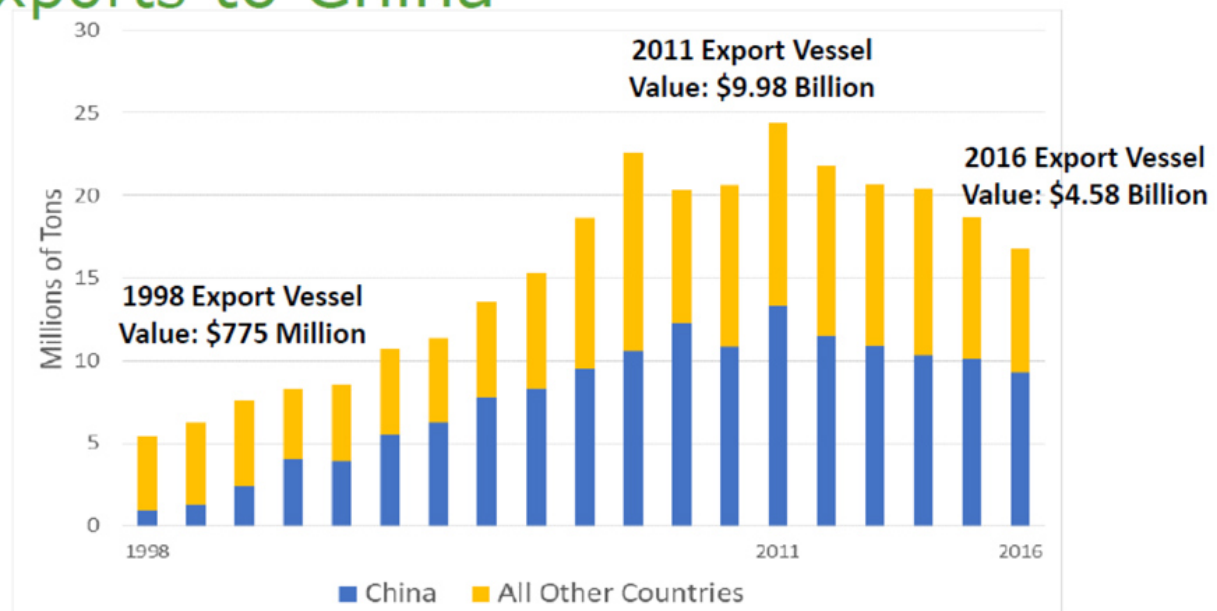


Figure 1

So the reliance of the West Coast on exporting recyclables to China during these “Perfect Storm” conditions has resulted in commodities being stockpiled at some ports. To minimize this economic dilemma, some municipalities, namely the City of Portland, have petitioned the Oregon Department of Environmental Quality for waivers to landfill these stockpiled recycled commodities at nearby landfills.

### *Midwest Impacts*

Impacts, as of December 2017, to Midwest solid waste programs appear somewhat muted as compared to the West Coast. However, some of the major national hauling firms with market power have been able to diversify their export markets and ship increasing quantities to India and Southeast Asia. Some increased labor at their MRFs to ship higher quality bales. Nonetheless, the prices for mixed paper have taken a haircut.

### *United Kingdom Impacts*

Much of the attention in the U.S. press has been on the impact of the Chinese impost ban on local recyclables markets. However, truth be told, the ban has had worldwide impacts. In Europe, where recent efforts have moved towards zero waste and reduction in landfilling, recycling has been impacted mightily. For example, the United Kingdom exports about two thirds of its recyclables to China, roughly 2.7 million tons to Hong Kong since 2012. The impact will be significant by most observers in the European Union. “Now that China has decided they’ve had enough of our waste, it’s obvious that the UK’s recycling system simply can’t cope with the mountain of plastic waste we generate,” says Elena Polisano, oceans campaigner for Greenpeace UK.

### *The Future*

To date, most trade organizations suggest that the impacts to local recycling programs from the Chinese actions depends on three basic site-specific issues:

Depends on whether you export—and where

Depends on your contract (force majeure?)

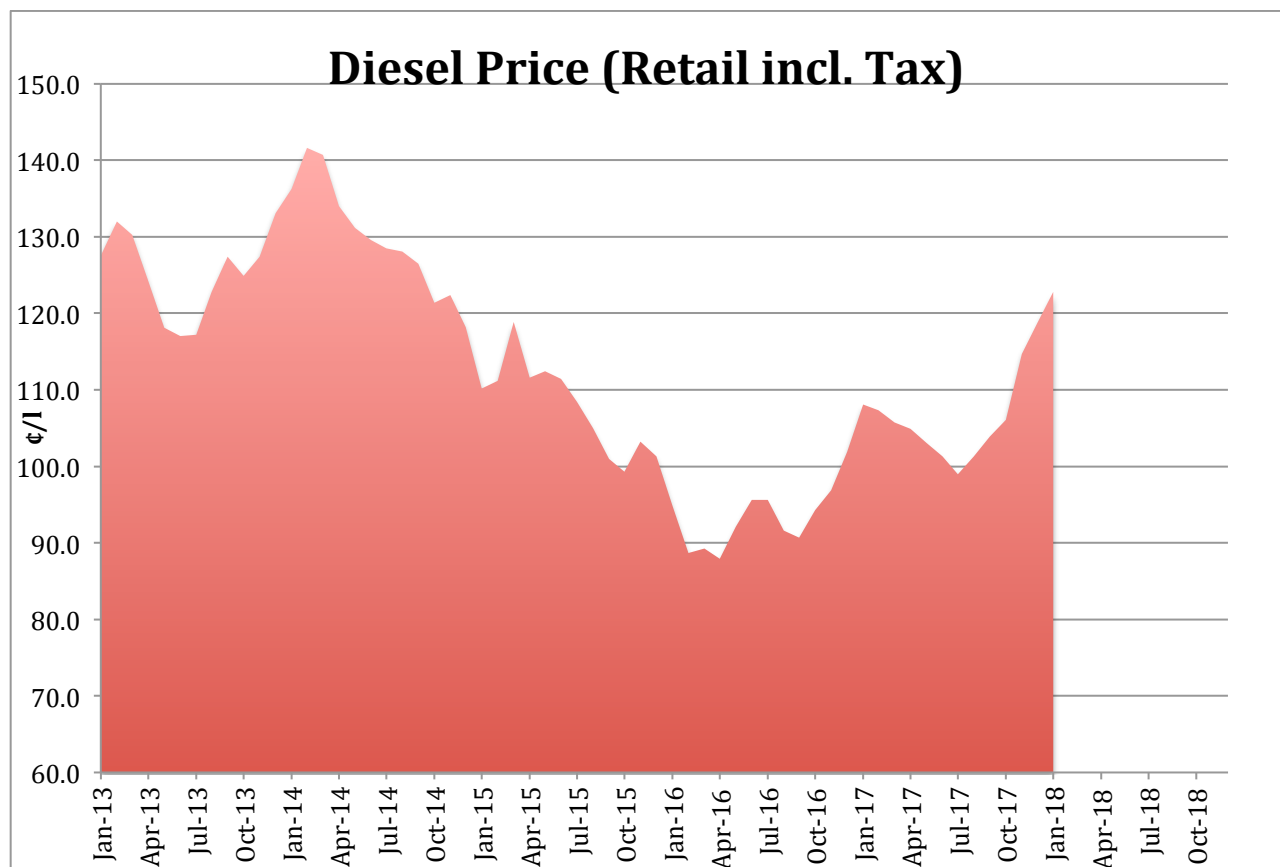
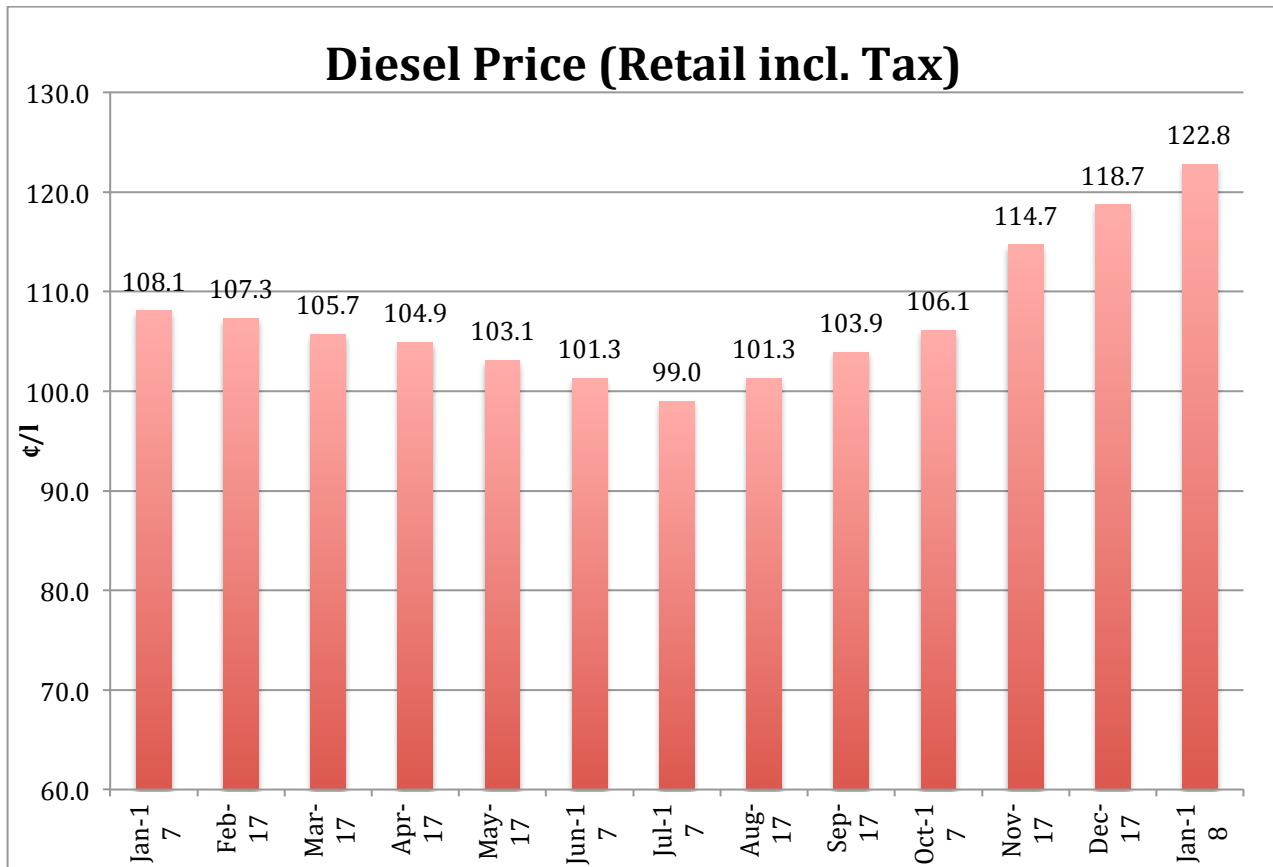
Depends on your contamination level

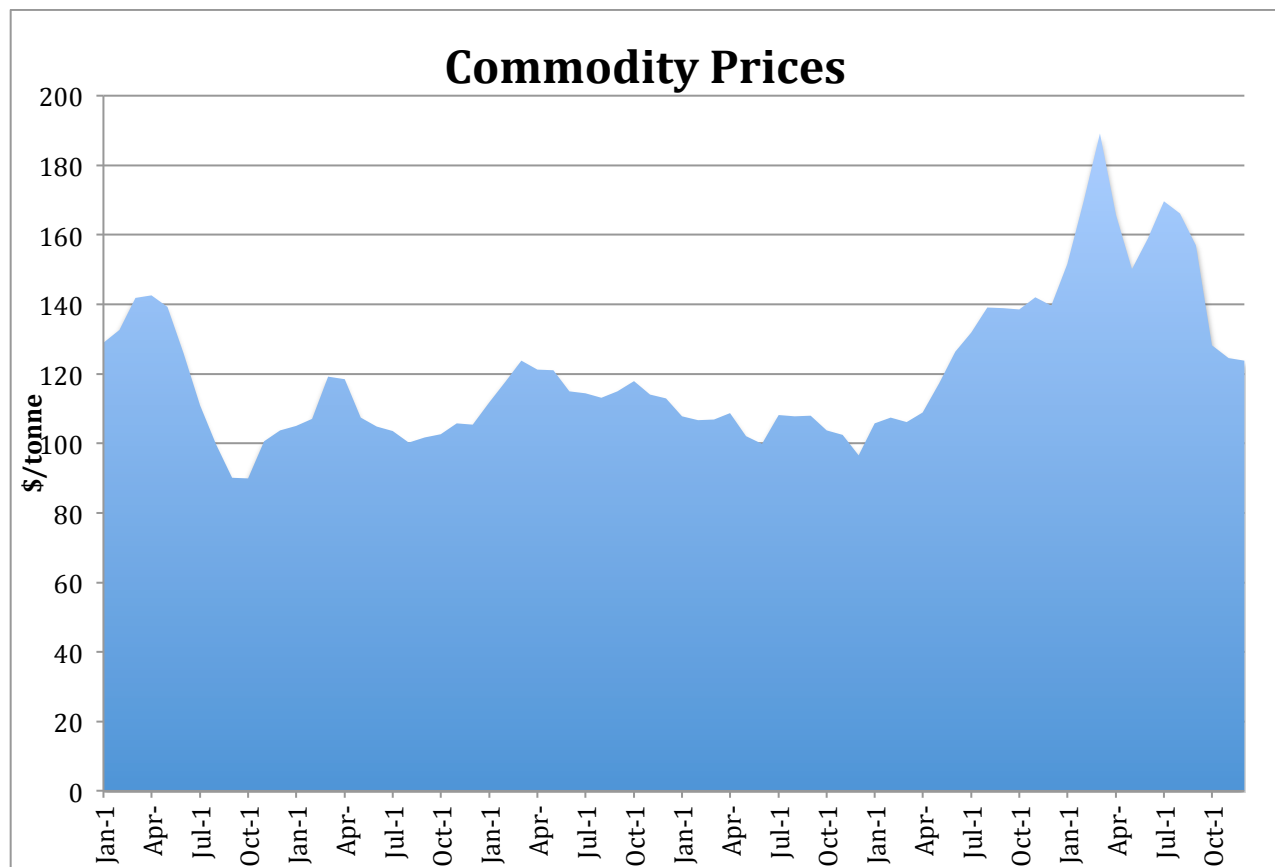
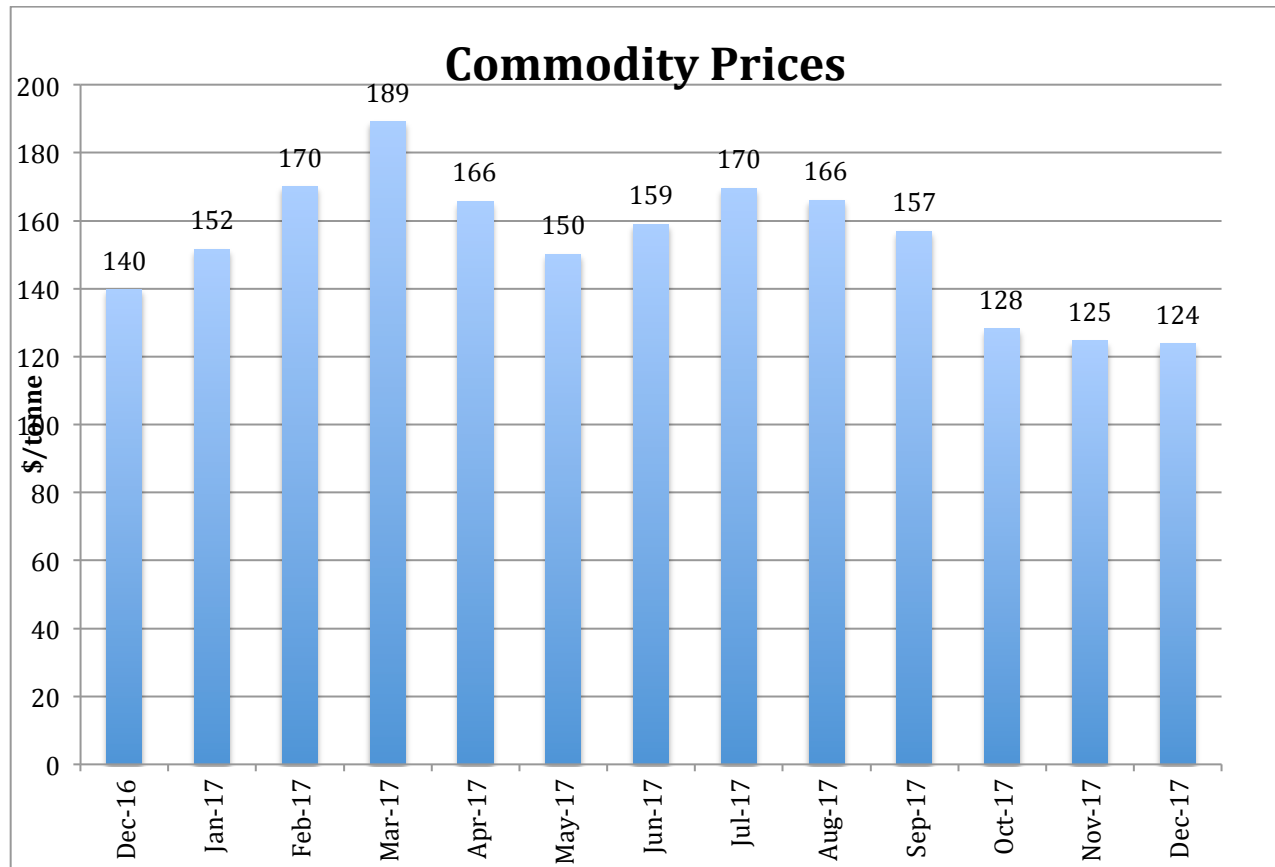
Some have argued that reducing contamination is the answer through efforts of education of customers to reduce contamination curbside, adding more workers and robotics at materials recovery facilities (MRFs) to clean up the bales leaving the these facilities, and to find other Asian markets such as India and Vietnam to sell recyclables. While education is clearly a reasonable answer, and one that municipalities should be doing as a matter of course, investment in facilities that would use these recycled materials is the only long-term answer. But this will take time.

In our opinion, we, as well as our European allies, have looked to Asian markets to dump our “unwanted materials”. While we talk about entering the closed loop of materials management, we have done little, if anything to facilitate the development of this new paradigm. Our tax codes continue to encourage the use of virgin materials rather than recyclable products. Even the new tax code changes eliminate the use of private activity bonds for investment in recycling facilities.

Another answer is changing the way many municipalities fund their solid waste programs. Typically, many fund them out of landfill tipping fees that oftentimes do not take into account the cyclical changes in recycling markets. Funding appropriate operational fund reserves or rainy day funds is a way to insulate solid waste programs from the ups and downs in recycling. Also looking at a lifecycle cost of solid waste programs.

The Chinese import ban and contamination requirements will impact recycling programs both in the U.S. and Europe. In the short term, many programs may consider elimination of mixed paper and plastics from their curbside programs. There may be calls to landfill these materials in other programs. In our opinion, the long-term solution is to develop viable local and regional recyclables markets. This will take time.







# Coalition for Huron Injury Prevention Winter Newsletter 2018

## CHIP Members

Ashfield-Colborne-Wawanosh, Bluewater, Goderich, Howick, Morris-Turnberry, North Huron, South Huron, County Public Works, Huron OPP, Huron County Health Unit, Ministry of Transportation Ontario, West Wawanosh Mutual Insurance, Wingham Police Service

## 2018's Road Map

Because they are learning a new skill and because our brains continue to develop until the age of 25, young people are at a high risk on our roads. This year CHIP partners are dedicated to **delivering in-class presentations** to help young people examine their driving beliefs and attitudes to support them to make safe decisions on our roads.

Our other focus will be on helping all road users adhere to injury preventing laws. In 2018 a **Huron County ATV map** will be released. This map shows the roads a licensed driver may legally drive their ATV on, summarizing 11 different road jurisdictions! New stationary **dynamic speed display signs** will raise awareness of speed in various locations across the County. We'll also be investigating the creation of **"Text Stops"** in Huron County for 2019, an innovative approach to the persistent issue of distracted driving.

We have a large roster of other programming that's available upon request. Learn more at [www.huronhealthunit.ca/chip](http://www.huronhealthunit.ca/chip)

## Pedestrian Crossovers

Have you seen the light? The first of their kind in Huron County, four new pedestrian crossovers were installed in Clinton in the fall of 2017.

The new design, which uses rapid flashing beacons and special pavement markings, standardizes the look, markings and expected use of crossovers. It also standardizes the consequence for drivers who make a crossover-related offense – up to a \$500 fine and 3 demerit points. Drivers must stop at the yield line and wait until the pedestrian has finished crossing the road before proceeding.

This project was a partnership between Central Huron, County of Huron Public Works, and the Coalition for Huron Injury Prevention. This is an excellent example of the 3Es of injury prevention: engineering, enforcement and education. CHIP designed, printed and distributed (with the help of an awesome community volunteer) education materials, and organized a media event to launch the new crossovers. CHIP will continue to educate communities on proper use of the crossovers.



## Safe Driving for Seniors



## Safe Driving for Seniors

In spring 2017 we partnered with Bayfield Home4Good, a group that advocates for senior's issues in Bayfield. They gave our safe driving session a new name, a poster redesign and a revised outline for the presentations. They also told us they wanted to play with our marijuana goggles and distract-a-match too! In the fall we hosted an event in partnership with the Goderich Legion. Our next event date is: April 4, 2018, 1:30 pm at the Howick Community Centre.

2017 partners for this project included: Bayfield Home4Good, Bayfield Garage, Bayfield Lions; Goderich Legion, West-Wawanosh Mutual Insurance, Harbour Hill Retirement Residence. Thank you so much!





On March 23, 2017 we were honoured with the attendance of 53 people at our Huron Road Safety Forum held in Holmesville. Many local people were there, but we also had vendors and displays from London, St. Catharine's, Toronto and Ottawa!

The day started out by looking at our local context: the scope of the issue of road safety in Huron,

hearing from different Huron injury prevention groups about what they're doing. We had an emotional talk from Katherine Field, whose son Josh was killed in a collision involving a cell phone. We then heard about promising practices and initiatives that could be implemented in Huron to prevent such tragedies.

After a delicious lunch made by the White Carnation, we heard about important considerations when working in partnership, then broke out into small table discussion groups focusing on issues like: distracted driving, impaired driving, youth drivers, ATV safety, farm safety, workplace driving safety, active transportation and seniors driving.

Participants left the day with a better understanding of what's happening in Huron, the scope of the issue and possible solutions. CHIP left the day with a better understanding of the issues, community priorities and ideas for action.

In a follow-up meeting to the Forum, partners further discussed how we can all work together effectively and efficiently. After considering applying for a Safe Communities designation, the group decided the benefits would not outweigh the time and costs of application.

**Speed Sign** - Thank you to municipalities for partnering with CHIP again in 2017 to help control speeds on our roads by using the electronic speed sign trailer. In a new partnership, we worked with the Township of Lucan-Biddulph. Their rental fees will help CHIP cover the cost of the liability insurance for the speed sign in 2018.

**Winter Driving** – Huron, Bruce and Grey counties work together on a winter driving campaign. CHIP assisted by submitting an MTO Winter Driving Grant. This has collectively saved the three counties \$10,000 to be reinvested into other road safety essentials.

**Share the Road** - CHIP partnered with Huron County Cycling Strategy on a grant to purchase and distribute materials to help promote the new Share the Road Signage. Materials included these car magnets.



## Cannabis and Driving

Every year CHIP members attend the Not By Accident Conference in London, ON to learn about how to respond to the latest road safety issues, be informed on emerging topics and hear new provincial responses to the issues on our roads.

This year's NBA partnered with arrivealive/DriveSober and focused on cannabis legalization and its implications for road safety. From Huron County, three municipal councillors, two public health staff and four local OSAID members attended.

Additionally, CHIP members will be attending a training on a new program for students called, "Weed Out the Risk: An interactive anti-crash course for youth". This program is endorsed by the Centre for Addiction and Mental Health (CAMH), MADD Canada, Cannabis Canada, teachers, and, most importantly, by thousands of students who have participated in the program.

For more information, questions or to get involved, email [chip@huroncounty.ca](mailto:chip@huroncounty.ca)



Drinking-Water System Number:

210000791

Drinking-Water System Name:

Lake Huron Primary Water Supply System

Drinking-Water System Owner:

Lake Huron Primary Water Supply System Joint Board of Management

Drinking-Water System Operating Authority:

Ontario Clean Water Agency (OCWA)

Drinking-Water System Category:

Large Municipal Residential

Period being reported:

January 1, 2017 through December 31, 2017

**Complete if your Category is Large Municipal Residential or Small Municipal Residential**

Does your Drinking-Water System serve more than 10,000 people?

Yes ☒ No ☐

Is your annual report available to the public at no charge on a web site on the Internet?

Yes ☒ No ☐

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

Lake Huron and Elgin Area Water Supply Systems  
c/o Regional Water Supply Division  
235 North Centre Road, Suite 200  
London, ON N5X 4E7  
<https://huronelginwater.ca/>

Lake Huron Water Treatment Plant  
71155 Bluewater Hwy.  
Grand Bend, ON

**Complete for all other Categories.**

Number of Designated Facilities served:

N/A

Did you provide a copy of your annual report to all Designated Facilities you serve?

Yes ☐ No ☐

Number of Interested Authorities you report to:

N/A

Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?

Yes ☐ No ☐



List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

**Systems that receive their drinking water from the LHPWSS:**

| Drinking Water System Name  | Drinking Water System Number |
|---|------------------------------|
| City of London  | 260004917                    |
| Municipality of Bluewater   | 260006542                    |
| Municipality of Lambton Shores<br>(East Lambton Shores Water Distribution System) | 260006568                    |
| Township of Lucan-Biddulph  | 260003071                    |
| Municipality of Middlesex Centre<br>(Middlesex Centre Distribution System)        | 260004202                    |
| Municipality of North Middlesex   | 260006529                    |
| Municipality of Strathroy-Caradoc<br>(Strathroy- Caradoc Distribution System)     | 260080106                    |
| Municipality of South Huron<br>(South Huron Water Distribution System)            | 220001520                    |

**Systems that may receive their drinking water from the LHPWSS:**

| Drinking Water System Name   | Drinking Water System Number |
|--|------------------------------|
| Municipality of Lambton Shores (West Lambton Shores Distribution System)<br>*Normally supplied by the Lambton Area Water Supply System (LAWSS) but a connection to the LHPWSS exists | 260006581                    |

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes ☒ No ☐

Indicate how you notified system users that your annual report is available, and is free of charge.

☒ Public access/notice via the web

☒ Public access/notice via Government Office

☐ Public access/notice via a newspaper

☒ Public access/notice via Public Request

☐ Public access/notice via a Public Library

☒ Public access/notice via other method News Release

**Describe your Drinking-Water System**

The Lake Huron Water Treatment Plant (WTP) employs pre-chlorination, screening, powder activated carbon addition (seasonally on an as-required basis), coagulation, flocculation, sedimentation, dual-media filtration, post-chlorination, and pH adjustment using sodium hydroxide to treat raw water obtained from Lake Huron. The WTP intake crib and raw water intake pipe have an estimated gross capacity of 454.6

Megalitres/day (MLD). The WTP rated capacity is 340.0 MLD.

A Residuals Management Facility (RMF) providing equalization, clarification, sludge thickening and dechlorination is also housed in the main complex where thickened sludge is dewatered by centrifuges and sludge cake is sent to the landfill for final disposal. Clarified and dechlorinated liquid streams are sent back to Lake Huron through the plant drain via the Diversion Chamber.

The distribution system is comprised of the McGillivray Booster Pumping Station and Reservoir, the Exeter-Hensall Booster Pumping Station and Reservoir, the Arva Terminal Reservoir, the Komoka-Mt. Brydges Booster Pumping Station (PS#4) and the associated interconnecting transmission water mains, which includes the primary, Strathroy, Exeter-Hensall, and Komoka-Mt. Brydges transmission water mains.

The drinking water system is monitored at various locations throughout the system via a Supervisory Control and Data Acquisition (SCADA) system.

**List all water treatment chemicals used over this reporting period**

Filter Aid Polymer (on an as-required basis)

Aluminum Sulphate

Powder Activated Carbon

Chlorine Gas

Sodium Hydroxide

Sodium Hypochlorite (Exeter Hensall Pumping Station)

Dewatering Polymer (Residuals Management Facility)

Sodium Bisulphite (Residuals Management Facility)

**Were any significant expenses incurred to?**

☒ [X] Install required equipment

☒ [X] Repair required equipment

☒ [X] Replace required equipment

**Please provide a brief description and a breakdown of monetary expenses incurred****Capital Projects:**

- Electrical upgrade and primary transformers replacement
- Residuals Management Facility (RMF) HVAC upgrade
- Instrumentation replacements
- Travelling screen #2 replacement
- Low lift motors #3 and #4 replacement
- Installed chlorine tonner automatic actuators
- Filters #1 and #4 rebuilds



- Distribution flow meter replacements
- Powder activated carbon (PAC) dust collector replacement
- SCADA hardware and software upgrade
- Concrete crack injection
- Drain piping replacement
- Distressed Pipe #32-48 replacement and Acoustic Fiber Optic (AFO) monitoring cable retrieval

**Maintenance Projects:**

- Low lift grit pump drain manifold and valves replacement
- Installed RMF sludge pump traps
- Gore Road pressure reducing valve (PRV) rebuild
- Reservoir hatch replacements (McGillivray and Arva Reservoir)
- Security camera replacement
- Replaced air relief valves at various chambers
- Air valve chamber restoration
- Installed new motors on powder activated carbon (PAC) pumps #1 and #3
- Replaced raw water sample pump
- Installed actuator on south centrifuge auger
- Installed new inlet pressure readouts at Monitoring Station #1 – Strathroy-Caradoc
- Backwash pump #1 rebuild
- Replaced chlorine injector quills at Exeter Hensall Pumping Station
- High pressure caustic soda pump rebuild and motor replacement
- PAC pump variable frequency drive (VFD) replacement
- Service water pump #2 rebuild
- Rebuilding of RMF sludge transfer pumps
- Modifications to generators to meet Technical Standards and Safety Authority (TSSA) requirements

**Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre**

| Incident Date | Parameter | Result | Unit of Measure | Corrective Action | Corrective Action Date |
|---------------|-----------|--------|-----------------|-------------------|------------------------|
| NA            | NA        | NA     | NA              | NA                | NA                     |

**Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.**

|  | <b>Number of Samples</b> | <b>Range of E.Coli Results (CFU/100mL) (min #)-(max #)</b> | <b>Range of Total Coliform Results (CFU/100mL) (min #)-(max #)</b> | <b>Range of HPC Results (CFU/1mL) (min #)-(max #)</b> |
|--|--------------------------|--|--|---|
| <b>Raw Water</b>                               | 101                      | (0)-(<100)   | (0)-(40,000)   | (<10)-(>2,000)  |
| <b>Treated Water (WTP)</b>                     | 250                      | (0)-(0)  | (0)-(0)  | (<10)-(730)   |
| <b>Distribution (McGillivray PS)</b>           | 52                       | (0)-(0)  | (0)-(0)  | (<10)-(20)  |
| <b>Distribution (North Exeter)</b>             | 52                       | (0)-(0)  | (0)-(0)  | (<10)-(20)  |
| <b>Distribution (South Exeter)</b>             | 52                       | (0)-(0)  | (0)-(0)  | (<10)-(10)  |
| <b>Distribution (Exeter-Hensall Reservoir)</b> | 52                       | (0)-(0)  | (0)-(0)  | (<10)-(110)   |
| <b>Distribution (Komoka-Mt. Brydges PS)</b>    | 52                       | (0)-(0)  | (0)-(0)  | (<10)-(240)   |

**Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.**

| <b>Parameter</b>                                  | <b>Number of Grab Samples</b> | <b>Range of Results (min #)-(max #)</b> |
|---|-------------------------------|---|
| <b>Treated Water Free Chlorine (mg/L)</b>         | Continuous Monitoring         | (0.57) – (1.79)                         |
|   | 2116                          | (0.86) - (1.63)                         |
| <b>Treated Water Turbidity (NTU)</b>              | Continuous Monitoring         | (0.019) – (2.00)                        |
|   | 2117                          | (0.018) - (0.099)                       |
| <b>Filter #1 - Filtered Water Turbidity (NTU)</b> | Continuous Monitoring         | (0.007) - (0.306)                       |
| <b>Filter #2 - Filtered Water Turbidity (NTU)</b> | Continuous Monitoring         | (0.015) - (0.393)                       |
| <b>Filter #3 - Filtered Water Turbidity (NTU)</b> | Continuous Monitoring         | (0.021) - (0.249)                       |
| <b>Filter #4 - Filtered Water Turbidity (NTU)</b> | Continuous Monitoring         | (0.019) - (0.192)                       |
| <b>Filter #5 - Filtered Water Turbidity (NTU)</b> | Continuous Monitoring         | (0.021) - (0.255)                       |





|   |                       |                   |
|---|-----------------------|-------------------|
| <b>Filter #6 - Filtered Water Turbidity (NTU)</b> | Continuous Monitoring | (0.019) - (0.186) |
| <b>Filter #7 - Filtered Water Turbidity (NTU)</b> | Continuous Monitoring | (0.021) - (0.437) |
| <b>Filter #8 - Filtered Water Turbidity (NTU)</b> | Continuous Monitoring | (0.017) - (0.165) |
| <b>Filter #9 - Filtered Water Turbidity (NTU)</b> | Continuous Monitoring | (0.020) - (0.249) |
| <b>Filter #10- Filtered Water Turbidity (NTU)</b> | Continuous Monitoring | (0.019) - (0.144) |
| <b>Filter #11- Filtered Water Turbidity (NTU)</b> | Continuous Monitoring | (0.012) - (0.608) |
| <b>Filter #12- Filtered Water Turbidity (NTU)</b> | Continuous Monitoring | (0.009) - (0.723) |
| <b>Combined Filtered Water Turbidity (NTU)</b>    | 2114                  | (0.018) - (0.100) |

### Summary of Inorganic parameters tested during this reporting period

(\*All tests were conducted on treated water leaving the WTP unless otherwise noted)

| Parameter  | Sample Date  | Result Value                                       | Unit of Measure              | Exceedance |
|--|--|--|------------------------------|------------|
| <b>Antimony</b>  | January 12, 2017   | 0.00012  | mg/L                         | NO         |
| <b>Arsenic</b>   | January 12, 2017   | 0.0002   | mg/L                         | NO         |
| <b>Barium</b>  | January 12, 2017   | 0.0148   | mg/L                         | NO         |
| <b>Boron</b>   | January 12, 2017   | 0.013  | mg/L                         | NO         |
| <b>Cadmium</b>   | January 12, 2017   | 0.000005   | mg/L                         | NO         |
| <b>Chromium</b>  | January 12, 2017   | 0.00065  | mg/L                         | NO         |
| <b>Lead</b><br>(Komoka Mt-<br>Brydges<br>Monitoring Station<br>#2) | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | Not Detected<br>0.00005<br>Not Detected<br>0.00002 | mg/L<br>mg/L<br>mg/L<br>mg/L | NO         |
| <b>Mercury</b>   | January 12, 2017   | Not Detected                                       | mg/L                         | NO         |
| <b>Selenium</b>  | January 12, 2017   | 0.00011  | mg/L                         | NO         |



|                 |  |  |                              |    |
|-----------------|--|--|------------------------------|----|
| <b>Sodium</b>   | January 12, 2017   | 11.4   | mg/L                         | NO |
| <b>Uranium</b>  | January 12, 2017   | 0.000024   | mg/L                         | NO |
| <b>Fluoride</b> | NA   | Not Tested   | mg/L                         | -- |
| <b>Nitrite</b>  | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | Not Detected<br>Not Detected<br>Not Detected<br>Not Detected | mg/L<br>mg/L<br>mg/L<br>mg/L | NO |
| <b>Nitrate</b>  | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | 0.290<br>0.700<br>0.346<br>0.281                             | mg/L<br>mg/L<br>mg/L<br>mg/L | NO |

**Summary of Organic parameters sampled during this reporting period or the most recent sample results**

*(\*All tests were conducted on treated water leaving the WTP unless otherwise noted)*

| <b>Parameter</b>                            | <b>Sample Date</b> | <b>Result Value</b> | <b>Unit of Measure</b> | <b>Exceedance</b> |
|---|--------------------|---------------------|------------------------|-------------------|
| <b>Alachlor</b>                             | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>Atrazine + N-dealkylated metabolites</b> | January 12, 2017   | 0.00003             | mg/L                   | NO                |
| <b>Azinphos-methyl</b>                      | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>Benzene</b>                              | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>Benzo(a)pyrene</b>                       | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>Bromoxynil</b>                           | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>Carbaryl</b>                             | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>Carbofuran</b>                           | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>Carbon Tetrachloride</b>                 | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>Chlorpyrifos</b>                         | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>Diazinon</b>                             | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>Dicamba</b>                              | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>1,2-Dichlorobenzene</b>                  | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>1,4-Dichlorobenzene</b>                  | January 12, 2017   | Not Detected        | mg/L                   | NO                |
| <b>1,2-Dichloroethane</b>                   | January 12, 2017   | Not Detected        | mg/L                   | NO                |



|   |  |  |                              |    |
|---|--|--|------------------------------|----|
| <b>1,1-Dichloroethylene<br/>(vinylidene chloride)</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Dichloromethane</b>  | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>2-4 Dichlorophenol</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>2,4-Dichlorophenoxy<br/>acetic acid<br/>(2,4-D)</b>  | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Diclofop-methyl</b>  | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Dimethoate</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Diquat</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Diuron</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Glyphosate</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Haloacetic Acids<br/>(HAA's)<br/>(Arva Reservoir)</b>  | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | Not Detected<br>Not Detected<br>0.0074<br>0.0070 | mg/L<br>mg/L<br>mg/L<br>mg/L | NO |
| <b>Haloacetic Acids<br/>(HAA's)<br/>(Arva Reservoir)<br/>Annual Running<br/>Average</b>                           | 2017   | 0.0036   | mg/L                         | NO |
| <b>Haloacetic Acids<br/>(HAA's)<br/>(Exeter-Hensall<br/>Monitoring Station #3)</b>                                | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | Not Detected<br>0.0131<br>0.0173<br>0.0237       | mg/L<br>mg/L<br>mg/L<br>mg/L | NO |
| <b>Haloacetic Acids<br/>(HAA's)<br/>(Exeter-Hensall<br/>Monitoring Station #3)<br/>Annual Running<br/>Average</b> | 2017   | 0.0135   | mg/L                         | NO |
| <b>Haloacetic Acids<br/>(HAA's)<br/>(Komoka Mt-Brydges<br/>Monitoring Station #2)</b>                             | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | Not Detected<br>Not Detected<br>0.0084<br>0.0158 | mg/L<br>mg/L<br>mg/L<br>mg/L | NO |

|   |  |  |                              |    |
|---|--|--|------------------------------|----|
| <b>Haloacetic Acids (HAA's)</b><br>(Komoka Mt-Brydges Monitoring Station #2)<br><b>Annual Running Average</b> | 2017   | 0.0061   | mg/L                         |    |
| <b>Haloacetic Acids (HAA's)</b><br>(Strathroy-Caradoc Monitoring Station #2)                                  | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | Not Detected<br>Not Detected<br>0.0089<br>0.0096 | mg/L<br>mg/L<br>mg/L<br>mg/L | NO |
| <b>Haloacetic Acids (HAA's)</b><br>(Strathroy-Caradoc Monitoring Station #2)<br><b>Annual Running Average</b> | 2017   | 0.0046   | mg/L                         | NO |
| <b>Malathion</b>  | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>2-Methyl-4-chlorophenoxyacetic acid</b>  | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Metolachlor</b>  | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Metribuzin</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Monochlorobenzene</b>  | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Paraquat</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Pentachlorophenol</b>  | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Phorate</b>  | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Picloram</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Polychlorinated Biphenyls (PCB)</b>  | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Prometryne</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Simazine</b>   | January 12, 2017   | Not Detected                                     | mg/L                         | NO |
| <b>Total Trihalomethanes</b><br>(Arva Reservoir)  | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | 0.014<br>0.016<br>0.030<br>0.027                 | mg/L<br>mg/L<br>mg/L<br>mg/L | NO |
| <b>Total Trihalomethanes (THMs)</b><br>(Arva Reservoir)<br><b>Running Annual Average</b>                      | 2017   | 0.0218   | mg/L                         | NO |

|   |  |                                  |                              |    |
|---|--|----------------------------------|------------------------------|----|
| <b>Total Trihalomethanes</b><br>(Exeter-Hensall<br>Monitoring Station #3)   | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | 0.026<br>0.024<br>0.046<br>0.054 | mg/L<br>mg/L<br>mg/L<br>mg/L | NO |
| <b>Total Trihalomethanes</b><br>(Exeter-Hensall<br>Monitoring Station #3)<br><b>Running Annual<br/>Average</b>    | 2017   | 0.0375                           | mg/L                         | NO |
| <b>Total Trihalomethanes</b><br>(Komoka Mt-Brydges<br>Monitoring Station #2)                                      | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | 0.017<br>0.017<br>0.036<br>0.037 | mg/L<br>mg/L<br>mg/L<br>mg/L | NO |
| <b>Total Trihalomethanes</b><br>(Komoka Mt-Brydges<br>Monitoring Station #2)<br><b>Running Annual<br/>Average</b> | 2017   | 0.0268                           | mg/L                         | NO |
| <b>Total Trihalomethanes</b><br>(Strathroy-Caradoc<br>Monitoring Station #2)                                      | January 12, 2017<br>April 13, 2017<br>July 17, 2017<br>October 5, 2017 | 0.017<br>0.017<br>0.033<br>0.031 | mg/L<br>mg/L<br>mg/L<br>mg/L | NO |
| <b>Total Trihalomethanes</b><br>(Strathroy-Caradoc<br>Monitoring Station #2)<br><b>Running Annual<br/>Average</b> | 2017   | 0.0245                           | mg/L                         | NO |
| <b>Terbufos</b>   | January 12, 2017   | Not Detected                     | mg/L                         | NO |
| <b>Tetrachloroethylene</b>  | January 12, 2017   | Not Detected                     | mg/L                         | NO |
| <b>2,3,4,6-Tetrachlorophenol</b>  | January 12, 2017   | Not Detected                     | mg/L                         | NO |
| <b>Triallate</b>  | January 12, 2017   | Not Detected                     | mg/L                         | NO |
| <b>Trichloroethylene</b>  | January 12, 2017   | Not Detected                     | mg/L                         | NO |
| <b>2,4,6-Trichlorophenol</b>  | January 12, 2017   | Not Detected                     | mg/L                         | NO |
| <b>Trifluralin</b>  | January 12, 2017   | Not Detected                     | mg/L                         | NO |
| <b>Vinyl Chloride</b>   | January 12, 2017   | Not Detected                     | mg/L                         | NO |

**NOTE:** During 2017, no Inorganic or Organic parameter(s) exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.



## IS THE COAST CLEAR?

*10<sup>th</sup> Biennial Lake Huron Conference*

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**GRAND BEND, ON  
MAY 10 - 11, 2018**

The Lake Huron Centre for Coastal Conservation's 10th biennial conference will take place in Grand Bend, Ontario, from May 10 - 11, 2018. Plan to experience Lake Huron this spring at this two-day conference, and to help celebrate the LHCCC's 20th anniversary!



The conference will provide a forum for environmental professionals and the general public to learn about issues affecting Lake Huron's coastal environment. Experts from the Great Lakes region will speak about coastal topics, local actions and solutions to environmental challenges. Everyone is welcome!

Registration is NOW OPEN at [www.lakehuron.ca/conference](http://www.lakehuron.ca/conference). Tickets are limited and registration closes May 7<sup>th</sup>. Special rates are available for students and LHCCC volunteers.

REGISTER NOW

## PROGRAM

Each day will begin with a keynote speaker, followed by 3 concurrent sessions. Some of the topics discussed will include Great Lakes water levels, microplastics, turtle species at risk, shoreline cleanup data and its link to citizen science, agricultural environmental concerns and solutions, and the changing ecology and fish communities of Lake Huron. More information to come!

## 20<sup>th</sup> ANNIVERSARY BANQUET

Raise your fork for a great cause! On Thursday May 10th the LHCCC will celebrate its 20th anniversary with a fundraising banquet, held at the conference venue. Tickets are \$75 and include an amazing meal with live musical entertainment, cash bar, raffle prizes, and a silent auction.



The Corporation of the County of Huron has an opening for (1) one citizen appointment to the Huron County Accessibility Advisory Committee

## **HURON COUNTY ACCESSIBILITY ADVISORY COMMITTEE**

**Are you interested in disability issues?**

**Do you want to make a difference in your community?**

The County of Huron invites applications for the position of member of the Huron County Accessibility Advisory Committee (HCAAC). The position is voluntary, but receives a small honorarium and expenses.

The HCAAC provides vision and advice to the Council of the County of Huron and member Municipalities to create a welcoming, inclusive and accessible community.

The role of the HCAAC is to (1) advise Council on accessibility issues regarding buildings, structures, municipal premises and services and (2) work with community groups regarding accessibility issues.

Members come from different backgrounds, but the majority of members on the HCAAC must be people with disabilities. The HCAAC is made up of 9 voting members including: 5 persons with disabilities as defined in the *Ontarians with Disabilities Act, 2001, S.O. 2001, Chapter 32*; 1 person from professional disciplines; 1 elected official and the Warden as ex-officio; and 1 citizen representative.

Please submit a written application/letter of interest by March 14, 2018 to:  
Office of the County Clerk, Corporation of the County of Huron, 1 Court House Square,  
Goderich, ON N7A 1M2  
EMAIL: [scronin@huroncounty.ca](mailto:scronin@huroncounty.ca) FAX: (519) 524-2044

The County of Huron is an equal opportunity employer. Accessibility accommodations are available for all parts of the recruitment process. Applicants need to make their needs known in advance. Accessible formats and communications supports available upon request.

Only those individuals selected for an interview will be contacted. Information is collected solely for the purpose of job selection under the provisions of the Municipal Freedom of Information and Protection of Privacy Act.



## *You are invited*

London Mayor Matt Brown invites you to attend a celebratory event for the fully-operational Southeast Reservoir and Pumping Station and two recently completed infrastructure projects at the Elgin Area Water Treatment Plant, all of which are components of HELP Clean Water.

2018 marks the successful completion of HELP Clean Water, a multi-million dollar, multi-year regional infrastructure initiative that will ensure a safe and secure supply of clean water to more than 500,000 people living and working in Southwestern Ontario.

**Friday, March 9, 2018**

**11:00 am**

Location: Southeast Reservoir and Pumping Station  
5200 Highbury Avenue South  
London

Parking: On site

A light lunch will follow the event

**RSVP by Wednesday, March 7<sup>th</sup>**  
**at [www.HELP-SERPS.eventbrite.com](http://www.HELP-SERPS.eventbrite.com)**

**Rebekah Msuya-Collison**

---

**From:** jon@premiumtransportation.ca  
**Sent:** Tuesday, February 27, 2018 9:21 AM  
**To:** Rebekah Msuya-Collison  
**Subject:** Re: Ladies Auxiliary Parade April 29th

Good morning Rebekah,

On Sunday April 29th the Ladies Auxiliary are hosting there Zone Convention. They are required to have a parade weather permitting.

Here is the parade route it is the same as when we have our Parade for Remembrance Day.

Form-up at Legion 1245pm

Leave at 1pm parade down William Street to Sanders Street turn left go to the lights at Main Street and Sanders where we turn left again and we will form up in front of the Cenotaph. The entire service will be no longer then 20 minutes there.

We will then head back to the Legion the same way we paraded there.

We will require the road blocked off at Gidley and Main and at Sanders and Main

Thanks in advance Rebekah if you need anything more just let me know

--

Jon Corbett  
Inbound Dispatch  
Premium Transportation  
Toll Free 1-888-875-0030  
Fax 1-519-228-7799  
cell 519-614-0630  
visit us at [www.premiumtransportation.ca](http://www.premiumtransportation.ca)



**The Corporation Of The Municipality Of South Huron  
By-Law #20-2018**

**Being a by-law to authorize the execution of a Development Agreement between  
the Municipality of South Huron and Lindsay Kuiack and Andrew Kuiack**

Whereas Section 5 of the *Municipal Act 2001, S.O. 2001*, as amended, provides that a municipal power shall be exercised by by-law unless the Municipality is specifically authorized to do otherwise; and

Whereas Section 9 of the *Municipal Act 2001, S.O. 2001*, as amended, provides that a municipality has the capacity, rights, powers and privileges of a natural person for the purpose of exercising its authority; and

Whereas Lindsay Kuiack and Andrew Kuiack have made a Consent Application having Application Number B58-2017 for the severance of the Kuiack Lands and entering a Development agreement with the Municipality is a condition of granting the Consent; and

Whereas the Council of the Corporation of the Municipality of South Huron deems it necessary and expedient to enter into an Development Agreement with 1336598 Ontario Ltd. for lands described as Part Lot 10, Concession 6, Stephen Ward, Municipality of South Huron, being PIN 41257-0142, the Kuiack Lands;

Now therefore be it resolved that the Council of The Corporation of the Municipality of South Huron enacts as follows:

1. That the Development Agreement between the Municipality of South Huron and Lindsay Kuiack and Andrew Kuiack, identified as Schedule "A" and attached hereto, forms an integral part of this by-law.
2. That the Mayor and Clerk are hereby authorized to sign the Site Plan Agreement on behalf of the Municipality of South Huron.
3. That this By-Law takes effect upon the date of final passing.

Read a first and second time this 5<sup>th</sup> day of March 5, 2018.

Read a third time and passed this 5<sup>th</sup> day of March 5, 2018.

---

Maureen Cole, Mayor

---

Rebekah Msuya-Collison, Clerk



THIS AGREEMENT made the 9<sup>th</sup> day of February, 2017.

BETWEEN:

THE CORPORATION OF THE MUNICIPALITY OF SOUTH HURON

(hereinafter referred to as the "Municipality")

Of the first part

-And-

Lindsay Kuiack and Andrew Kuiack

(hereinafter referred to as "Kuiacks")

Of the second part

**WHEREAS** Kuiacks are the owners of the lands and premises more particularly described as Part Lot 10, Concession 6, Stephen Ward, Municipality of South Huron being PIN 41257-0142 (the Kuiack lands);

**AND WHEREAS** Kuiacks have made a Consent Application having Application Number File B58-2017 for the severance of the Kuiack Lands (the "Consent");

**AND WHEREAS**, once granted, the Consent will create two parcels of land; one retaining the existing dwelling with an area of 0.227ha and the second being a buildable parcel with an area of 0.230ha.

**AND WHEREAS**, as a condition of granting the Consent, the Municipality has required Kuiacks to enter into this Agreement;

**AND WHEREAS** the Municipality has general obligations with respect to lot development and has required Kuiacks to enter into this Agreement to ensure that the parcels created by way of the Consent are adequately graded, serviced, and otherwise improved upon time of development to the satisfaction of the Municipality;

**NOW THEREFORE** witnesseth that in consideration of the terms, covenants and provisions of this Agreement and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereby agree as follows:

1. The parties hereto covenant and agree that prior to or upon application for development upon the Kuiack Lands, Kuiacks will address any and all issues arising from the development upon the Kuiack Lands such as but not limited to lot grading and drainage, stormwater management, provision of municipal services, provision of utilities, privacy fencing or planting as required, sidewalks, placement of driveways, parking space(s), access and any other reasonable requirements to the satisfaction of the Municipality.

2. Without limiting the generality of Section 1, a full lot grading and drainage plan in a form satisfactory to the Municipality shall be delivered by Kuiacks to the Municipality prior to the development of the Kuiack Lands. The said lot grading and drainage plan shall be stamped, signed and provided by a licensed engineer or an Ontario Land Surveyor.
3. Without limiting the generality of Section 1, prior to the development of the Kuiack Lands, Kuiacks hereby acknowledge that the Municipality may require Kuiacks to deliver such plans, surveys, site plans and other materials that may be required by the Municipality to address the requirements set out in this Agreement. All documentation provided to the Municipality by Kuiacks pertaining to the development of the Kuiack Lands shall be to the satisfaction of the Municipality.
4. In accordance with the decision on the Consent, Kuiacks hereby agree that existing water and sewer services shall be cut and capped to the satisfaction and in a location acceptable to and determined by the Municipality. Further, new connections for sewer and water service shall be provided to the satisfaction of and in a location acceptable to and determined by the Municipality.
5. Kuiacks hereby agree and undertake to complete all work that is identified in the lot grading plan, the drainage plan, site plan or other plans that are delivered by Kuiacks to the Municipality to address the requirements set out in this Agreement.
6. The Municipality, or any of its officers, servants or agents may, from time to time, and at all reasonable times, enter upon the Kuiack Lands for the purpose of inspecting the works and matters to be provided and maintained under this Agreement.
7. In addition to any remedy authorized or permitted by this Agreement or by law, the Municipality, on fifteen (15) days' notice, or forthwith in cases of emergency, may, in default of any matter or thing required to be done by Kuiacks under this Agreement, do such matter or thing at the expense of Kuiacks and if the Municipality has incurred any expense, the Municipality may recover the expense by action, or by adding the expenses to the tax roll and recovering the same in like manner as municipal taxes.
8. For clarity, Kuiacks and the Municipality hereby agree that any reference to the "Kuiack Lands" in this Agreement shall apply to both vacant, buildable parcels of the Kuiack Lands that are created by the Consent.
9. Kuiacks hereby agree to save harmless and keep indemnified the Municipality, and its successors and assigns, from and against all claims, demands, actions, suits, proceedings, losses, liabilities, costs, including reasonable legal costs, charges, damages and expenses which the Municipality or its successors and assigns, may at any time or times hereafter bear, sustain,

suffer, be put to or incurred directly or indirectly arising from the failure of Kuiacks to comply with the terms, covenants and provisions of this Agreement.

10. The parties hereto covenant and agree that the provisions of this Agreement are intended to run with the Kuiack Lands, will be hereby transferable upon the sale of either part of the Kuiack Lands as delineated by the Consent, and except as my otherwise be specifically provided, shall bind and enure to the benefit of the parties and their respective successors and assigns.
11. The parties hereby agree that this Agreement shall be registered on title to the Kuiack Lands. The parties shall take such further actions and execute such further documents that may be required to effect such registration.
12. No waiver of any breach of any term or provision to this Agreement shall be effective or binding unless made in writing and signed by the property owner purporting to give the same and, unless otherwise provided in writing, shall be limited to the specific breach waived.
13. This Agreement, including any schedules hereto, constitutes the entire agreement hereto. There are no, and shall not be any verbal statements, representations, warranties, undertakings or agreements between the parties and this Agreement may not be amended or modified in any respect except by written instrument signed by the parties hereto.
14. Kuiacks hereby agrees to reimburse the Municipality for all legal fees and disbursements incurred by the Municipality for negotiation and registration of this Agreement.
15. The parties acknowledge and agree that this Agreement may be executed in counterparts and by means of facsimile transmission and each of such counterparts shall constitute an original document and such counterparts, taken together, shall constitute one and the same instrument.

IN WITNESS WHEREOF this indenture is executed as of the day and year first written above.

THE CORPORATION OF THE MUNICIPALITY OF SOUTH HURON

Per: \_\_\_\_\_  
Mayor, Maureen Cole

Per: \_\_\_\_\_  
Clerk, Genevieve Scharback

Signed, sealed and delivered )

In the presence of )

\_\_\_\_\_ )

\_\_\_\_\_ )

\_\_\_\_\_ )

\_\_\_\_\_  
Lindsay Kuiack

\_\_\_\_\_  
Andrew Kuiack



## **The Corporation of the Municipality of South Huron**

### **By-Law # 21-2018 Animal Control**

**Being a by-law to put in place regulations associated with the control, licencing and registration of dogs within the Municipality of South Huron.**

**Whereas** the Municipal Act, S.O. 2001, C.25 Sections 11, 103, 105 and 391(1), as may be amended from time to time, provides that a municipality may pass by-laws prohibiting, regulating and restricting the keeping of animals or any class thereof, the destruction thereof and allow for a licensing and animal identification system; and

**Whereas** the Animals for Research Act, R.S.O. 1990, C. A22, Section 20 provides for the impounding and sale or destruction of a dog or cat; and

**Whereas** the Dog Owners Liability Act, R.S.O. 1990, C.D16, as amended, provides for the protection of persons and property; and

**Whereas** the Ontario Society for the Prevention of Cruelty to Animals Act, R.S.O., 1990, Chap. O.36, provides special powers to help animals in distress; and

**Whereas** the Ontario Police Services Act, R.S.O. 1990, C. P15, as amended, provides that Council may appoint Municipal By-Law Enforcement Officers to enforce all municipal by-laws; and

**Whereas** the Council of the Corporation of the Municipality of South Huron deems it necessary and expedient to pass such a by-law;

**Now Therefore** the Council of the Corporation of the Municipality of South Huron enacts as follows:

#### **1. Definitions**

“Animal Control Tribunal” shall mean the Committee of Council called the Animal Control Tribunal;

“By-law Enforcement Officer/ Animal Control Officer” shall mean a person appointed as such by a by-law of the Municipality of South Huron to enforce this by-law;

“Cat” means any registered purebred or common domestic cat, male or female, over the age of twelve (12) weeks unless otherwise specified by this by-law and shall include a domestic breed of cat that is or appears to be feral;

“distress” means the state of being in need of proper care, water, food or shelter or being injured, sick or in pain or suffering;

“domestic ” means an animal that is not wild, untamed, uncultivated, feral or brutal in nature of disposition;

“feed” or “feeding” means the deliberate act of furnishing, or making food or other substances available which is likely to be consumed by wild animals, strays, feral or abandoned animals;

“food” means any substance or food which could reasonably be expected to be consumed by a wild animal, but does not include:

- a) compost kept in accordance with all applicable by-laws, statutes or regulations;
- b) landscaping materials used for landscaping purposes; or
- c) food being grown for human consumption

“Dog” shall mean a male or female *Canis familiaris*;

“Feral Cat” shall mean any homeless, wild or untrained stray cat.

“Guide dog” shall mean a dog trained and certified for a guide for the blind, hearing impaired or other disability and used as such;

“Kennel” shall mean:

- a) A place where more than two dogs are kept for the purpose of show, training, breeding, selling; or
- b) A place where more than two dogs are kept and cared for on behalf of the owners of the dogs, boarding, grooming or temporary housing;

“Licence Inspector or dog counter” shall mean any person appointed by Council as a municipal by-law enforcement officer;

“Mitigating factor” shall mean a circumstance which excuses aggressive behaviour of a dog and may include circumstances where:

- a) The dog was, at the time of the aggressive behaviour, acting in defence to an attack by a person or domestic animal;
- b) The dog was, at the time of the aggressive behaviour, acting in defence of its young or reacting to a person or domestic animal trespassing on the property of its owner; or
- c) The dog was, at the time of the aggressive behaviour, being teased, provoked or tormented.

“Municipality” shall mean the Municipality of South Huron;

“Muzzle” shall mean a humane fastening or covering device of adequate strength over the mouth to prevent a dog from biting, yet still allows a dog to pant or drink;

“Owner” of an animal includes a person who possesses or harbours a dog **or cat**, and, where the owner is a minor, the person responsible for the custody of the minor;

“Police Work Dog” shall mean a dog trained to aid law enforcement officers and used by such officers in the execution of their duties;

“Potentially vicious dog” shall mean any individual dog that, in the absence of any mitigating factor, chases or approaches any person or domestic animal in a menacing fashion or apparent attitude of attack, including but not limited to behaviour such as growling or snarling;

“Pound” shall mean such premises as approved from time to time by Council;

“Poundkeeper” shall mean the person appointed as such by Council;

“Pure bred” shall mean registered or eligible for registration in the register of the Canadian or American Kennel Clubs, or of a class designated as pure-bred in any regulations passed pursuant to provincial legislation;

“Running at large” shall mean to be found in any place other than the premises of the owner of the animal and not under the control of any person;

“Tag” shall mean a metal tag issued by the Municipality and indicating the number under which the dog is registered;

“Vicious dog” means any individual dog that:

- a) Has, in the absence of any mitigating factor, attacked, bitten or caused injury to a person or has demonstrated a propensity, tendency or disposition to do so; or
- b) Has significantly injured or killed a domestic or farm animal; or
- c) Having been previously designated as a potentially vicious dog is kept or permitted to be kept in violation of the requirements for such dog.

“wildlife” means all mammals other than domestic animals and birds.

## **2. Licencing of Dogs**

- 2.1 Every calendar year the owner of a dog shall ensure that any dog owned by him or her is licensed by the Municipality with exception to an owner being the operator of a licensed kennel.



- 2.2 The license shall be obtained before the 31st day of May each calendar year, unless the dog came into the owner's possession or care after that date.
- 2.3 Every owner of a dog that comes into his or her possession after May 31 shall obtain a license for the dog within ten days of taking possession of the dog.
- 2.4 The owners of a guide dog or a police work dog shall ensure that these dogs are licensed, but no fee is imposable for such dogs.
- 2.5 In order to license a dog and obtain a tag the owner of the dog may be asked to produce proof that the dog is currently inoculated against rabies.
- 2.6 On payment of the initial license fee, as set out in the Fees and Charges By-Law; as set by Council from time to time, the owner shall be furnished with a permanent dog tag and shall keep the tag securely fixed on the dog at all times with the exception that the tag may be removed while the dog is being lawfully used for hunting. Replacement tags may be purchased at the municipal office.
- 2.7 The licensing fee shall be paid each calendar year, as per the current Fees & Charges By-Law.
- 2.8 No owner shall permit a dog to wear a tag other than the one issued for the dog, tags are not transferable.
- 2.9 The owner of any kennel shall pay the kennel license fee, as set out in the current Fees & Charges By-Law, as amended from time to time by Council, by the 31<sup>st</sup> day of May of each year.
- 2.10 The owner of any kennel shall, upon payment of the kennel licensing fee, receive two tags for use by the dogs housed in the kennel. These tags must be attached to the dogs whenever they are removed from the kennel to allow licensed kennel owners to transport dogs to shows, veterinary clinics etcetera.

### **3. Dog Kennels**

- 3.1 Any person or persons who keep more than two dogs, which are aged over three months, at one location may apply for a kennel license.
- 3.2 A kennel license may be issued to the owner of confined dogs kept exclusively for hunting, working or dog-sled purposes.
- 3.3 The Council of the Municipality of South Huron reserves the right to refuse a kennel license.

- 3.4 Every person who holds a kennel license shall comply with the following requirements:
- a) The license shall be exposed at all times in a conspicuous place in the interior of the premises;
  - b) The premises shall be maintained in a sanitary, well ventilated, clean condition and free from offensive odours;
  - c) The animals shall be kept in sanitary, well bedded, well ventilated, naturally lighted, clean quarters and a healthful temperature shall be maintained at all times;
  - d) The animals shall be adequately fed and watered and kept in a clean, healthy condition, free from vermin and disease;
  - e) The kennel building shall be in a separate building and shall not be attached to any building used or capable of being used for human habitation;
  - f) The kennel building and its location shall conform to the applicable zoning by-law and the Ontario Building code and the building shall be maintained in damage-free condition;
  - g) The kennel floor shall be thoroughly cleaned daily, or more often if necessary;
  - h) Any cage shall be adequately sized to allow the animal to extend its legs to their full extent, to stand, sit, turn around or lie down in a fully extended position. There must also be sufficient space to enable species appropriate contact, provide bitches with nursing puppies an additional 10% space per nursing puppy, and provide for the social and behavioural needs of the dog;
  - i) Cages are to be constructed of metal, wire, or partly of wire and shall have metal or other impermeable bottoms, which shall be cleaned and washed daily, or more often if necessary;
  - j) Whelping facilities shall be separate from the individual and/or group kennel enclosures housing other kennel dogs;
  - k) The whelping area shall consist of a whelping box which is 2 1/2 times the size of the bitch, constructed with four sides and a floor, and shall be regularly cleaned and sanitized.
- 3.5 The License Inspector, Animal Control Officer or By-Law Enforcement Officer may inspect any place where the animals are kept, pursuant to this by-law.
- 3.6 If the kennel is found not to conform to the requirements set out herein, the License Inspector, Animal Control Officer or By-Law Enforcement Officer may direct that the animals be seized and impounded and may revoke the license issued to the kennel.
- 3.7 Every owner or operator of a kennel shall allow access to the facility for the purpose of inspection at all reasonable hours to any person appointed by the Municipality of South Huron to enforce this by-law.

#### **4. Number of Animals**

- 4.1 The total number of cats and dogs shall not exceed four (4) within the Municipality of South Huron, with a maximum number of two (2) dogs harboured at any one time in a dwelling unit, with the following exceptions;
- a) A licensed kennel;
  - b) An animal hospital;
  - c) A pound or an authorized facility;
  - d) A pet store;
  - e) A registered research facility or supply facility under the Animals for Research Act

#### **5. Cat Control**

- 5.1 No owner of a cat shall allow such cat to cause damage or otherwise create a disturbance to another person or person's property.
- 5.2 Where a person makes a complaint to the Animal Control Officer that a cat is causing or has caused damage to the said person or person's property or is creating or has created a disturbance, the Animal Control Officer may seize or impound such cat.
- 5.3 In accordance with the Animals for Research Act, R.S.O. 1990, C.A. 22, the minimum redemption period for a cat shall be (3) three days, excluding the day on which the cat was impounded, and if not claimed may be sold, destroyed or otherwise disposed of at the discretion of the pound-keeper, except where a cat is ill or injured and a veterinarian is of the opinion that the cat should be destroyed forthwith, a person authorized to enforce this By-law may direct the veterinarian to destroy the cat immediately. Where a cat is seized or impounded it will not be released until all seizure, pound and maintenance charges have been paid.
- 5.4 All fees for reclaiming, impounding, vet's service, and any other cost relevant to said cat shall be paid for before the cat is reclaimed.

#### **6. Running At Large**

- 6.1 Every dog owner shall ensure that his or her dog or cat does not run at large within the Municipality of South Huron.
- 6.2 A dog or cat running at large may be seized and impounded and may be sold or destroyed by the poundkeeper following a three day redemption period excluding Saturday, Sunday and Statutory Holidays.
- 6.3 A dog or cat that is seized and impounded, will not be released until pound, maintenance, veterinary, or other fees have been paid.

- 6.4 For the purpose of this by-law a dog or cat shall be deemed to be running at large when found in any place other than the premises of the owner, and not under the control of any person.
- 6.5 Section 6.1 does not apply to police work dogs when these dogs are in the course of performing their duties.
- 6.6 The poundkeeper may sell, destroy or cause or permit to be destroyed any dog or cat that has been impounded where:
  - a) The person that owned the dog or cat before it came into the possession of the poundkeeper has requested in writing that the dog be destroyed;
  - b) An inspector under the Animals for Research Act or a veterinarian has ordered that the dog or cat be destroyed under that Act;
  - c) During the redemption period of three days the dog or cat is in the pound and is ill or injured, and in the poundkeeper's opinion is incapable of being cured or healed as to live thereafter without suffering.

## **7. Owners To Take Precautions**

- 7.1 The owner of a dog shall exercise reasonable precautions to prevent it from biting or attacking a person or domestic animal; or behaving in a manner that poses a menace to the safety of persons or domestic animals.

## **8. Designation As Potentially Vicious Or Vicious Dogs**

- 8.1 Upon receipt of a written complaint of a potentially vicious or vicious dog the Dog Control Officer or By-Law Enforcement Officer may investigate, and upon being satisfied that grounds exist, may designate the dog a potentially vicious or vicious dog.
- 8.2 Where a dog has been designated as a potentially vicious or vicious dog the owner may appeal to the Tribunal, by written notice, within fifteen days of the Municipality notifying the owner of the decision to designate the dog.
- 8.3 Where an owner appeals to the Tribunal the Tribunal shall hear the appeal by way of a new hearing under the Statutory Powers Procedure Act to determine whether the dog is vicious or potentially vicious.
- 8.4 No member of the Tribunal or its staff is personally liable for anything done by it or him or her under authority of this by-law.

## **9. Restrictions Relating To Potentially Vicious And Vicious Dogs**

- 9.1 No person under the age of eighteen years shall own a potentially vicious dog.
- 9.2 No person shall transfer ownership of a potentially vicious or vicious dog without having first obtained the consent of the poundkeeper.

- 9.3 Every owner of a potentially vicious or vicious dog shall display, in a conspicuous place at the entrance to the owner's premises, a warning sign indicating the presence of a vicious or potentially vicious dog.
- 9.4 No person shall breed or permit to be bred a potentially vicious or vicious dog.
- 9.5 No person shall allow a potentially vicious or vicious dog in his or her possession to stray.
- 9.6 No person shall train a potentially vicious or vicious dog for fighting.
- 9.7 Every owner of a potentially vicious or vicious dog shall ensure that the dog is:
- a) licensed by the Municipality of South Huron annually;
  - b) equipped with a muzzle at all times when not enclosed within the property of the owner of the dog;
  - c) Fitted with a collar or harness, with a leash of not more than 1.8 metres attached at all times when not enclosed within the property of the owner of the dog;
  - d) Not left unattended, except where the dog is securely contained inside the owner's home or within a yard of the property that is enclosed by a fence that is no less than eight feet in height, is securely locked and is constructed in a fashion so as to prevent the dog from escaping or breaking out from the property.

## **10. Create A Nuisance**

- 10.1 Every owner of a dog shall remove forthwith any excrement left by the dog on any property.
- 10.2 Subsection 9.1 does not apply to persons reliant on a guide dog or persons in control of a police work dog when such dog is in the execution of its duties.
- 10.3 No owner or person harbouring a dog shall allow a dog to bark, whine or yelp excessively.

## **11. Prohibition Of Cruelty To Animals**

- 11.1 No person may keep any domestic animal unless the animal is provided with:
- a) Clean potable drinking water in spill proof containers at all times and suitable food of sufficient quantity and quality to allow for normal growth and the maintenance of normal body weight;
  - b) Food and water receptacles that are kept clean and disinfected and located so as to avoid contamination by excreta;

- c) The opportunity for periodic exercise sufficient to maintain good health;
  - d) Necessary veterinary medical care when the animal exhibits signs of pain or suffering.
- 11.2 No person may keep any domestic animal which normally resides outside, or which is kept outside for short to extended periods of time, unless the animal is provided with outside shelter. The shelter must:
- a) Be weatherproof with an exterior windbreak and exterior door flap;
  - b) Have a door facing away from the prevailing wind and must be elevated off the ground;
  - c) Provide sufficient space to allow the animal the ability to turn about freely and to easily stand, sit and lie in a normal position;
  - d) Be at least 1 ½ times the length of the animal and at least 1 ½ times the animal's width, and at least as high as the animal's height measured from the floor to the highest point of the animal when standing in a normal position plus 10%;
  - e) Be insulated to ensure protection from heat, cold and wet and be appropriate to the animal's weight and type of coat;
  - f) Provide sufficient shade to protect the animal from the direct rays of the sun at all times;
  - g) Be regularly cleaned and sanitized and excreta removed at least once a day.
- 11.3 No person may cause a dog to be hitched, tied or fastened by any rope, chain or cord that is directly tied around the animal's neck on to a choke collar.
- 11.4 No person shall cause a dog to be confined in an enclosed space without adequate ventilation.
- 11.5 No person shall allow any domestic animal to suffer from any infectious disease .

## **12. Feeding of Wildlife**

- 12.1 No person shall intentionally feed a wild animal or leave food or attractants of any type or in any form out of doors in such a manner as to attract, or be accessible by wildlife, feral or stray domestic animal on private or public property.
- 12.2 Section 12.1 does not apply in the following situations:
- a) the leaving of food as bait in a trap by property owner to capture a nuisance animal inhabiting or habituating their property pursuant the Fish and Wildlife Conservation Act, 1997, S.O.1997, c. 41; or



b) the leaving of food as bait by a licensed trapper, and employee of a licensed wildlife or pest control agency, Municipal Law Enforcement Officer, an Ontario Society for the Prevention of Cruelty to Animals Inspector, or a Police Officer, in the performance of their duties.

### **13. Severability**

13.1 If a court of competent jurisdiction should declare any part or section of this by-law to be invalid, it is hereby declared that the remainder of the by-law shall be valid and shall remain in force.

### **14. Penalties**

14.1 Every person who contravenes any provision of this by-law is guilty of an offence and is subject to the penalties under the Provincial Offences Act.

14.2 The Dog Control Officer, By-Law Enforcement Officer and any Officer appointed as a peace officer may enter, at all reasonable times, upon any property subject to the regulations of this by-law in order to ascertain whether such regulations or directions are being obeyed.

### **15. Enactment**

15.1 By-Law No. #28-2014 is hereby repealed.

15.2 This by-law shall be known as the Animal Control By-Law and shall come into force and effect upon the third and final reading thereof.

Read a first and second time this 5th day of March 5, 2018.

Read a third time and passed this 5th day of March 5, 2018.

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Maureen Cole, Mayor

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Rebekah Msuya-Collison, Clerk



## The Corporation Of The Municipality Of South Huron

### By-Law # 22- 2018

#### **To amend By-Law #12-84, being the Zoning By-Law for the former Township of Stephen for lands known as Conc N BDY N PT Lot 25, Stephen Ward, Municipality of South Huron.**

Whereas the Council of The Corporation of the Municipality of South Huron considers it advisable to amend Zoning By-Law #12-84, of the former Township of Stephen, Corporation of the Municipality of South Huron;

Now therefore be it resolved that the Council of The Corporation of the Municipality of South Huron enacts as follows:

1. That this By-Law shall apply to Conc N BDY N PT Lot 25, Stephen Ward, Municipality of South Huron.
2. That By-Law #12-84 is hereby amended by changing the zone symbol from Agricultural Small Holding (AG4) to Restricted Agriculture (AG2) on the lands designated 'zone change' on Key Maps, identified as Schedule "C", attached hereto and forming an integral part of this by-law.
3. That the purpose and effect of this amendment, identified as Schedule "A", attached hereto, forms an integral part of this by-law.
4. That the Township of Stephen Location Map, identified as Schedule "B", attached hereto, forms an integral part of this by-law.
5. That this By-Law shall come into effect upon final passing, pursuant to Section 34(21) of the *Planning Act, 1990*.

Read a first and second time this 5<sup>th</sup> day of March, 2018.

Read a third time and finally passed this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Maureen Cole, Mayor

\_\_\_\_\_  
Rebekah Msuya-Collison, Clerk

**Schedule “A” to By-Law # 22-2018****Corporation Of The Municipality Of South Huron**

By-Law # 22-2018 has the following purpose and effect:

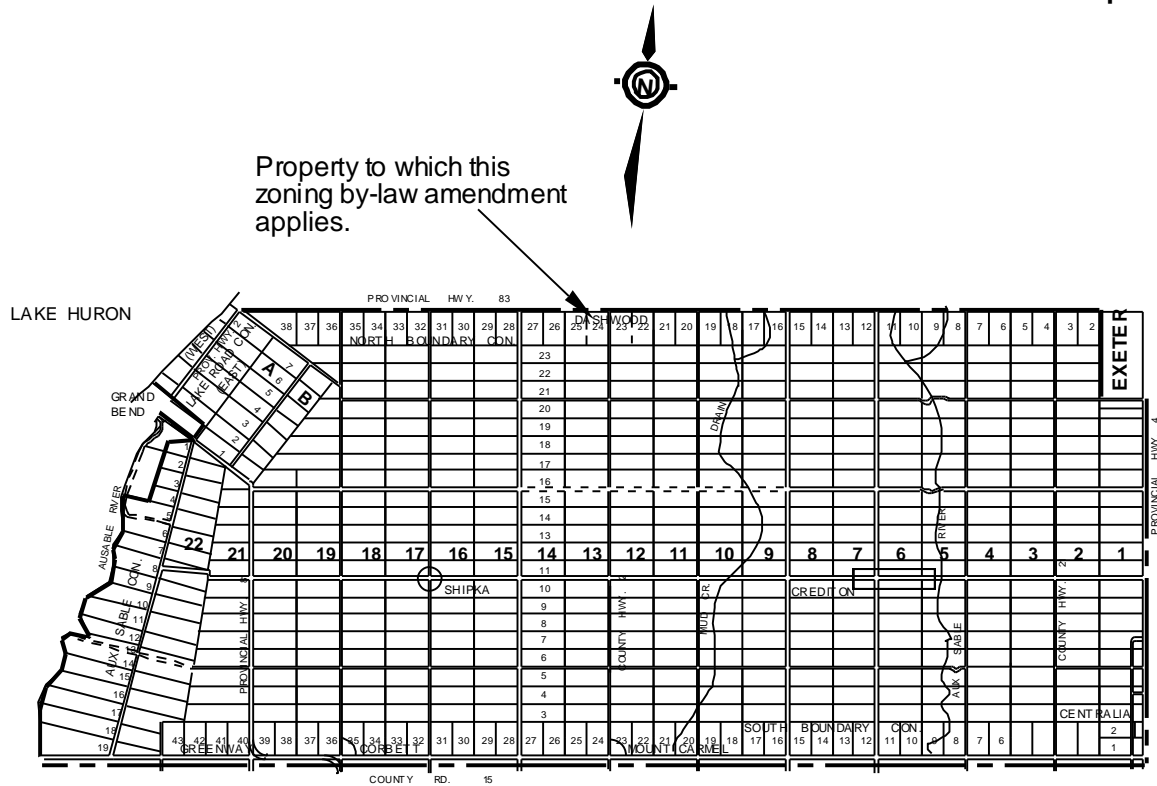
This By-law affects the property known municipally at 37489 Dashwood Road, and legally as Conc N BDY N PT Lot 25, Stephen Ward. This application was submitted concurrently with a consent application to Huron County. The concurrent consent application is for a boundary adjustment to add land to the abutting AG2 property which currently operates as the Hayter's Farms Turkey Facility. Under this rezoning application it is proposed the portion of land to be severed be rezoned from AG4 (Agricultural Small Holding) to AG2 (Restricted Agriculture) to bring the proposed severed parcel into conformity with the zoning of the subject lands to which is to be added.

The area proposed to be rezoned is approximately 1.77 acres (0.72 ha) of vacant land. This By-law changes the zoning on the severed parcel from Agricultural Small Holding (AG4) to Restricted Agriculture (AG2).

This By-law amends Zoning By-law #12-1984 of the former Township of Stephen. Maps showing the general location of the lands to which this proposed zoning by-law amendment applies are shown on the following pages.

# **Schedule "B" to By-Law # 22- 2018** **Corporation Of The Municipality Of South Huron**

## **Schedule 'A'** **STEPHEN WARD** **Location Map**



**Schedule "C" – Showing the Area Subject to the Amendment  
Corporation Of The Municipality Of South Huron  
By-Law # 22 -2018**



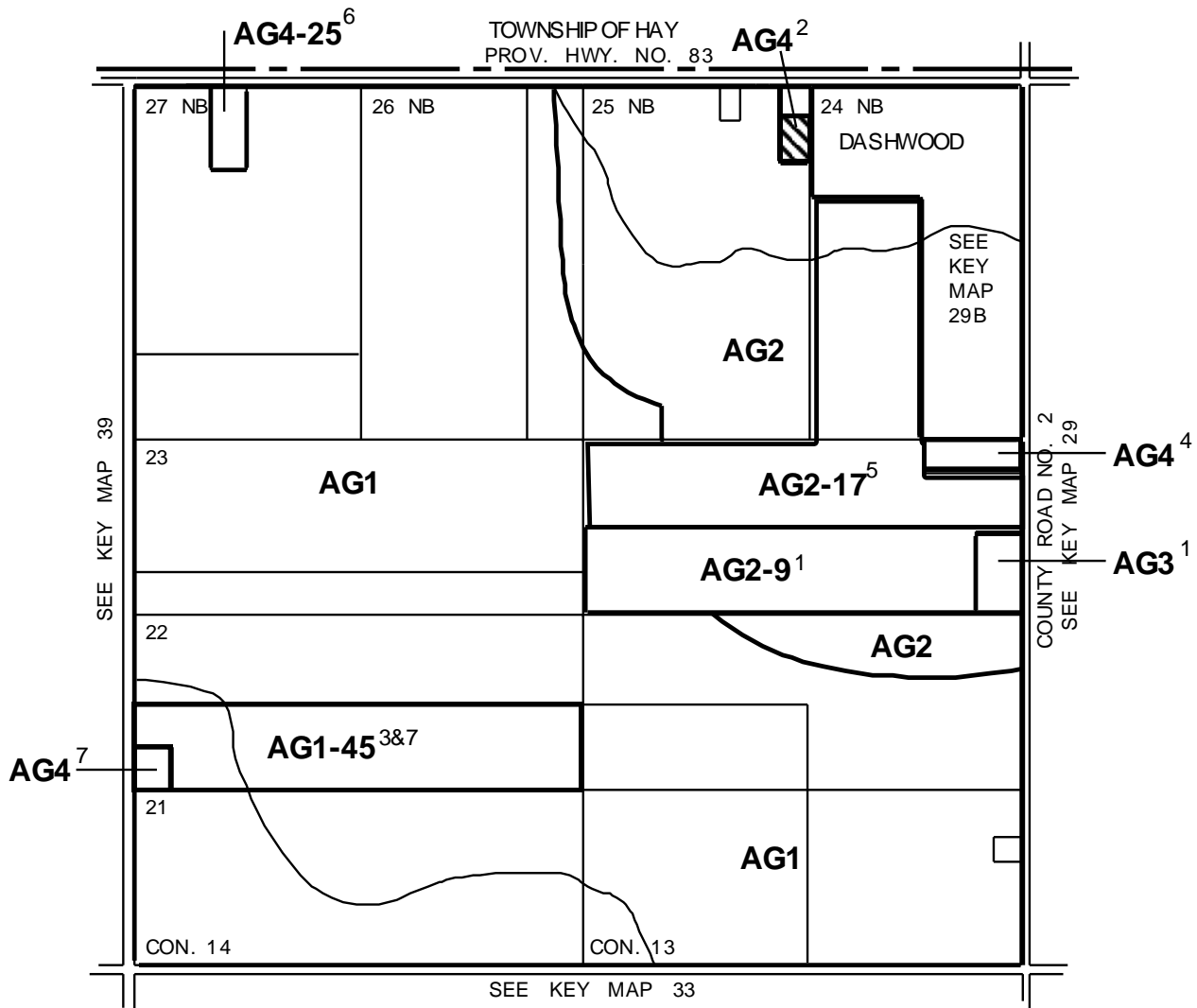
SCHEDULE "A"

**KEY MAP 34**

TOWNSHIP OF STEPHEN

0 100 200 500 METRES

0 500 1000 2000 FEET



- 1 AMENDED BY BY-LAW 18-1989
- 2 AMENDED BY BY-LAW 29-1990
- 3 AMENDED BY BY-LAW 31-2000
- 4 AMENDED BY BY-LAW 79-2011
- 5 AMENDED BY BY-LAW 80-2011
- 6 AMENDED BY BY-LAW 59-2012
- 7 AMENDED BY BY-LAW 10-2015



Zone change from AG4 (Agricultural Small Holding) to AG2 (Restricted Agriculture)



## The Corporation Of The Municipality Of South Huron

### By-Law # 23- 2018

#### **To amend By-Law #12-84, being the Zoning By-Law for the former Township of Stephen for lands known as Lot 2, Concession B, Pt Lot 17, Concession 19, Stephen Ward, Municipality of South Huron.**

Whereas the Council of The Corporation of the Municipality of South Huron considers it advisable to amend Zoning By-Law #12-84, of the former Township of Stephen, Corporation of the Municipality of South Huron;

Now therefore be it resolved that the Council of The Corporation of the Municipality of South Huron enacts as follows:

1. That this By-Law shall apply to Lot 2, Concession B, Pt Lot 17, Concession 19, Stephen Ward, Municipality of South Huron.
2. That By-Law #12-84 is hereby amended by changing the zone symbol from General Agriculture (AG1) to General Agriculture-Special Provisions (AG1-1) and Agricultural Small Holding (AG4) on the lands designated 'zone change' on Key Maps, identified as Schedule "C", attached hereto and forming an integral part of this by-law.
3. That the purpose and effect of this amendment, identified as Schedule "A", attached hereto, forms an integral part of this by-law.
4. That the Township of Stephen Location Map, identified as Schedule "B", attached hereto, forms an integral part of this by-law.
5. That this By-Law shall come into effect upon final passing, pursuant to Section 34(21) of the *Planning Act, 1990*.

Read a first and second time this 5<sup>th</sup> day of March, 2018.

Read a third time and finally passed this 5<sup>th</sup> day of March, 2018.

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Maureen Cole, Mayor

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Rebekah Msuya-Collison, Clerk



## **Schedule “A” to By-Law # 23-2018**

### **Corporation Of The Municipality Of South Huron**

By-Law # 23-2018 has the following purpose and effect:

This By-law affects the property known municipally at 70606B Line, and legally as Lot 2, Concession B, PT Lot 17, Concession 19, Stephen Ward. Huron County approved an application to sever a surplus dwelling on this property (B70-2017); the severed and retained lots must be rezoned as a condition of this approval.

The area proposed to be severed is approximately 2.43 acres (0.98 ha) and contains a house and accessory structure. This By-law changes the zoning on the severed parcel from General Agriculture (AG1) to Agriculture Small Holding (AG4) to recognize a residential use in the agricultural area.

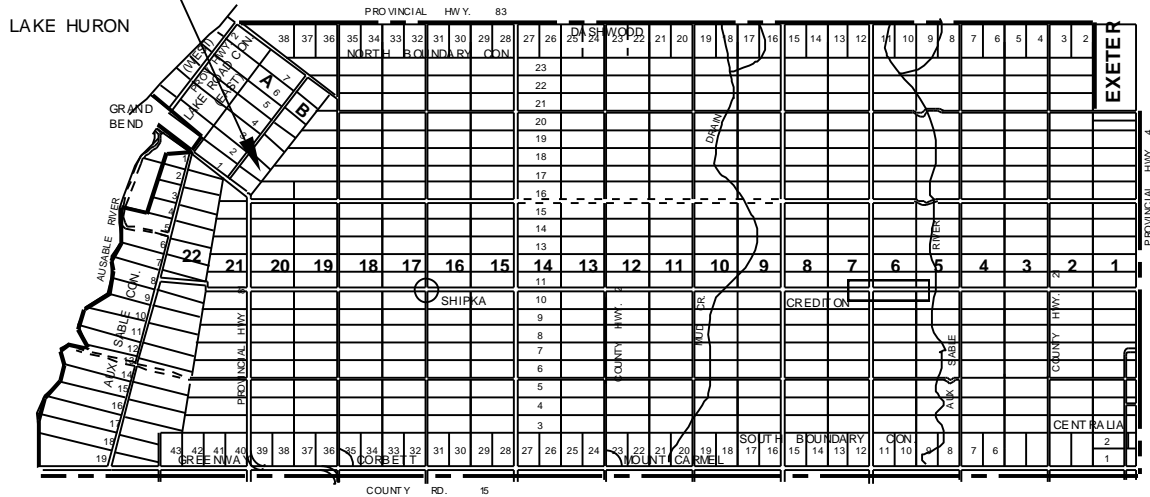
The retained lands require a rezoning from General Agriculture (AG1) to General Agriculture Special Provisions (AG1-1) in order to prohibit construction of a new residence as required by the Provincial Policy Statement and the South Huron Official Plan. The retained lands will continue to be used for agricultural purposes.

This By-law amends Zoning By-law #12-1984 of the former Township of Stephen. Maps showing the general location of the lands to which this proposed zoning by-law amendment applies are shown on the following pages.

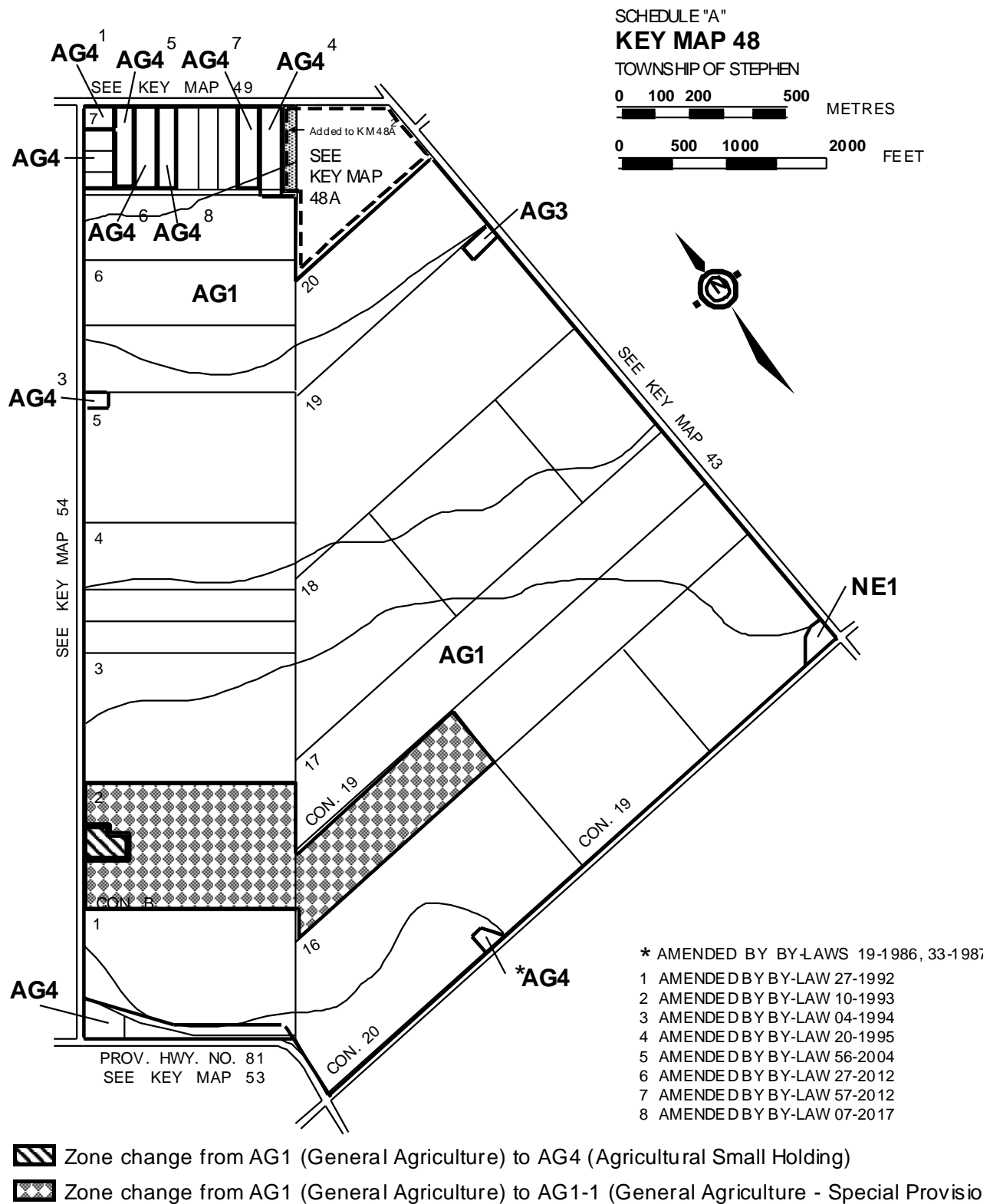
**Schedule "B" to By-Law #23- 2018  
Corporation Of The Municipality Of South Huron**

**Schedule 'A'  
STEPHEN WARD  
Location Map**

Property to which this  
zoning by-law amendment  
applies.



**Schedule "C" – Showing the Area Subject to the Amendment  
Corporation Of The Municipality Of South Huron  
By-Law #23-2018**





## The Corporation of The Municipality of South Huron

### By-Law # 24-2018

### Confirming By-Law

#### Being a by-law to adopt, confirm and ratify matters dealt with by the Council of the Corporation of the Municipality of South Huron.

Whereas Section 8 of the *Municipal Act, 2001*, as amended, provides that the powers of a Municipality shall be interpreted broadly to enable it to govern its affairs as it considers appropriate and to enhance the Municipality's ability to respond to municipal issues; and

Whereas Section 5(3) of the *Municipal Act, 2001*, as amended, provides that a municipal power, including a municipality's capacity, rights, powers and privileges under section 9, shall be exercised by by-law unless the municipality is specifically authorized to do otherwise; and

Whereas the Council of The Corporation of the Municipality of South Huron deems it expedient to adopt, confirm and ratify matters dealt with at all meetings of Council;

Now therefore be it resolved that the Council of The Corporation of the Municipality of South Huron enacts as follows:

1. That the proceedings and actions taken by Council and municipal officers of the Corporation of the Municipality of South Huron at the March 5, 2018 Regular Council and Public Meetings in respect of each report, motion, recommendation, by-law and any other business conducted are, except where the prior approval of the Ontario Municipal Board or other authority is required by law, hereby adopted, ratified and confirmed and shall have the same force and effect as if each and every one of them had been the subject matter of a separate by-law duly enacted.
2. That the Mayor and Members of Council of the Corporation of the Municipality of South Huron are hereby authorized and directed to do all things necessary to give effect to the said actions of Council of the Corporation of the Municipality of South Huron or to obtain approvals where required.
3. That on behalf of The Corporation of the Municipality of South Huron, the Mayor, or the Presiding Officer of Council, and the Clerk or the Chief Administrative Officer, where instructed to do so, are hereby authorized and directed to execute all necessary documents and to affix thereto the Corporate Seal.
4. That this By-Law shall not be amendable or debatable.

Read a first and second time this 5<sup>th</sup> day of March, 2018

Read a third time and passed this 5<sup>th</sup> day of March, 2018.

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Maureen Cole, Mayor

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Rebekah Msuya-Collison, Clerk